BNL-77288-2006-IR

Recent References:
April 1, 2005 to June 30, 2005

David F. Winchell
National Nuclear Data Center, Brookhaven National Laboratory

November 2006

Energy Sciences & Technology Department
National Nuclear Data Center

Brookhaven National Laboratory
P.O. Box 5000
Upton, NY 11973-5000
www.bnl.gov

DISCLAIMER

Recent References:
April 1, 2005 to June 30, 2005

David F. Winchell
National Nuclear Data Center, Brookhaven National Laboratory

This document lists experimental references added to Nuclear Science References (NSR) during the period April 1, 2005 to June 30, 2005. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

For more information, and access to the most recent NSR updates, please visit the NSR web site at http://www.nndc.bnl.gov/nsr/.

Contents

Keynumbers and Keywords

A=1

^{1}n	2004FI12	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=high; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. Comparison with previous work. JOUR FIZBE 13 545
	2004ME23	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 105-177 MeV / c; measured $\sigma(\theta)$. JOUR FIZBE 13 501
	2004SA64	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 148-323 MeV / c; measured σ, $\sigma(\theta)$. Comparison with previous results. JOUR FIZBE 13 405
	2004WE17	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=2.3, 3.5 GeV; measured electron and neutron spectra, asymmetries. ^{1}n deduced electric form factor. Comparison with previous results. Polarized target. JOUR FIZBE 13 531
	2005DU14	NUCLEAR REACTIONS ^{2}H(p, 2p), E=16 MeV; measured σ(E, θ) for three kinematical configurations. Comparison with model predictions. JOUR PRVCA 71 054003
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005NI13	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Cold neutrons, in-beam technique. JOUR PRVCA 71 055502
	2005ZH14	NUCLEAR REACTIONS ^{1}H(γ, π^+), ^{2}H(γ, pπ^-), E=1.1-5.5 GeV; measured σ(E, θ); deduced scaling behavior. ^{1}n(γ, π^-), E=1.1-5.5 GeV; deduced σ(E, θ), scaling behavior. JOUR PRVCA 71 044603
^{1}H	2004FI12	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=high; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. Comparison with previous work. JOUR FIZBE 13 545
	2004GO58	NUCLEAR REACTIONS ^{1}H(polarized γ, $\pi^+\pi^-$), (polarized γ, $K^+\pi^-$), E=1.8-2.2 GeV; measured vector meson production associated particle spectra, angular distributions, asymmetries. Tagged photons. JOUR FIZBE 13 553
	2004KE18	NUCLEAR REACTIONS ^{1}H(polarized e, e'π^0), E=4.531 GeV; measured recoil polarization, response functions. JOUR FIZBE 13 81
	2004ST32	NUCLEAR REACTIONS ^{1}H(polarized γ, $\pi^+\pi^-$), E=0.6-2.3 GeV; measured $\sigma(\theta)$, cross-section asymmetries. Tagged photons. JOUR FIZBE 13 179
	2004WE17	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=2.3, 3.5 GeV; measured electron and neutron spectra, asymmetries. ^{1}n deduced electric form factor. Comparison with previous results. Polarized target. JOUR FIZBE 13 531
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=1 *(continued)*

2005BA50 NUCLEAR REACTIONS ^{1}H(polarized p, p), E=0.45-2.5 GeV; measured spin correlation coefficients vs energy, angle; deduced scattering phase shifts, scattering amplitudes. Polarized target. JOUR PRVCA 71 054002

2005BL09 NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c

2005EL07 NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E $\approx$ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E $\approx$ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174

2005GIZZ NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005

2005GU18 NUCLEAR REACTIONS ^{1}H(polarized p, p), E(cm)=200 GeV; measured analyzing power. Comparison with model predictions. JOUR NPBSE 146 82

2005HAZU NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, Ay(θ). polarized target. CONF Argonne(Nuclei at the Limits),P360,Hatano

2005LI19 NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E=39 MeV; measured particle spectra, $\sigma(\theta)$. ^{8}Li(n, γ), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 052801

2005MA25 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=570.4 MeV; measured parity-violating asymmetry; deduced strangeness contribution. JOUR PRLTA 94 152001

2005NI13 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Cold neutrons, in-beam technique. JOUR PRVCA 71 055502

2005PU02 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=0.934-4.091 GeV; measured recoil proton spectra, polarization transfer, Ay(θ). ^{1}H deduced elastic form factor ratio. Comparison with model predictions. JOUR PRVCA 71 055202

2005QA01 NUCLEAR REACTIONS ^{1}H(e, e), E=1.9-4.7 GeV; measured recoil proton spectra, $\sigma(\theta)$, σ. ^{1}H deduced electromagnetic form factors. JOUR PRLTA 94 142301

2005SE05 NUCLEAR REACTIONS ^{2}H(n, n), (n, 2n), E=13 MeV; measured En, nn-coin, $\sigma(\theta_1, \theta_2)$ for seven exit-channel configurations. Comparison with model predictions. JOUR PRVCA 71 034006

2005ZH14 NUCLEAR REACTIONS ^{1}H(γ, π^+), ^{2}H(γ, pπ^-), E=1.1-5.5 GeV; measured σ(E, θ); deduced scaling behavior. ^{1}n(γ, π^-), E=1.1-5.5 GeV; deduced σ(E, θ), scaling behavior. JOUR PRVCA 71 044603

A=2

^{2}n	2005BA43	NUCLEAR REACTIONS ^{2}H(d, 2p), E=171 MeV; measured Ep, pp-coin, $\sigma(\theta)$; deduced neutron-neutron scattering length. JOUR PRVCA 71 044003
^{2}H	2004AZZW	NUCLEAR REACTIONS ^{2}H(polarized d, d'), E at 5.0 GeV / c; measured vector and tensor analyzing powers. REPT JINR-E1-2004-117,Azhgirey
	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005AG03	NUCLEAR REACTIONS ^{2}H, ^{6}Li(polarized μ^{+}, μ^{+}X), E=160 GeV; measured longitudinal spin asymmetry. ^{2}H deduced spin structure function. Comparison with previous results. JOUR PYLBB 612 154
	2005AT04	NUCLEAR REACTIONS ^{2}H(n, n'), E=low; measured production rate of ultracold neutrons with solid, liquid, and gaseous deuterium targets. JOUR PRVCA 71 054601
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005GO14	NUCLEAR REACTIONS ^{3}He(α, pα), E=27.2 MeV; measured Ep, Eα, pα-coin, σ(E, θ). ^{6}Li deduced excited states energies, widths. JOUR UKPJA 50 327
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005RV01	NUCLEAR REACTIONS ^{3}He(e, e'p), E=4806 MeV; measured σ(E, θ), asymmetry; deduced final-state interaction effects, other reaction mechanism features. Comparison with model predictions. JOUR PRLTA 94 192302
	2005SE05	NUCLEAR REACTIONS ^{2}H(n, n), (n, 2n), E=13 MeV; measured En, nn-coin, $\sigma(\theta_1, \theta_2)$ for seven exit-channel configurations. Comparison with model predictions. JOUR PRVCA 71 034006

A=3

^{3}n	2005AL15	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}C), (^{7}Li, ^{10}C), E=82 MeV; measured particle spectra; deduced resonance formation σ upper limits. JOUR PZETA 81 49
^{3}H	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433

A=3 *(continued)*

	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BL09	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c
	2005GIZZ	NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005
	2005KR03	RADIOACTIVITY ^{3}H(β^-); measured Eβ; deduced neutrino mass limit. JOUR ZCCNE 40 447
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
^{3}He	2005BA34	NUCLEAR REACTIONS ^{136}Xe(d, ^{3}HeX)^{135}Xe, E=500 MeV; ^{1}H(d, π^0), E=500 MeV; measured helium spectra. ^{135}Xe deduced pionic state binding energy. JOUR YAFIA 68 517
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005KR03	RADIOACTIVITY ^{3}H(β^-); measured Eβ; deduced neutrino mass limit. JOUR ZCCNE 40 447
	2005ME09	NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=55, 66.5, 90 MeV / nucleon; measured Eγ, (particle)γ-coin, vector and tensor analyzing powers. Comparison with model predictions. JOUR PYLBB 617 18
	2005NA14	NUCLEAR REACTIONS ^{2}H(d, n), E > 80 keV; measured neutron spectra, yields. Deuteron beam from electrostatic field of pyroelectric crystal in a deuterated atmosphere. JOUR NATUA 434 1115
	2005NIZX	NUCLEAR REACTIONS ^{4}He(γ, n), E=23-42 MeV; measured neutron spectra, σ(E, θ); deduced parameters. Tagged photons, comparison with recoil-corrected continuum shell model and resonating group method predictions. PREPRINT nucl-ex/0506001,6/01/2005

A=4

^{4}n	2005AL15	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}C), (^{7}Li, ^{10}C), E=82 MeV; measured particle spectra; deduced resonance formation σ upper limits. JOUR PZETA 81 49

A=4 *(continued)*

	2005BL09	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c
^{4}H	2005GU17	NUCLEAR REACTIONS ^{9}Be(π^-, ptX), (π^-, dtX), (π^-, 2tX), E at rest; ^{12}C(π^-, ptX), (π^-, dtX), (π^-, 2dX), E at rest; measured missing-mass spectra. ^{4,5}H deduced excited states energies, widths. JOUR ZAANE 24 231
^{4}He	2004BOZX	NUCLEAR REACTIONS ^{2}H(t, n), E=low; measured muon-catalyzed fusion rates for various temperatures and densities. REPT JINR-E15-2004-132,Bom
	2005AL27	NUCLEAR REACTIONS ^{2}H(^{3}He, p), E=0.5-6 MeV; measured Ep, σ(E, θ=135°). Application to depth profiling discussed. JOUR NIMBE 234 169
	2005ANZZ	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. PREPRINT nucl-ex/0506010,6/07/2005
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO15	NUCLEAR REACTIONS ^{3}H(d, n), E=low; measured muon-catalyzed fusion rates, related quantities under a variety of D / T mixture conditions. JOUR ZETFA 127 752
	2005BR15	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) $\approx$ 16-100 keV; measured Ep, pp-coin, astrophysical S-factor. ^{14}N(p, γ), E=130-240 keV; measured Eγ, astrophysical S-factor. JOUR NPBSE 145 33
	2005DA12	NUCLEAR REACTIONS ^{4}He(α, α'), E=22.4, 26.5 MeV; measured Eγ, Eα, $\alpha\alpha$-, $\gamma\alpha$-coin; deduced resonance σ. ^{8}Be deduced transition B(E2), cluster structure. JOUR PRLTA 94 122502
	2005FR14	NUCLEAR REACTIONS ^{12}C(^{12}C, ^{8}Be^{12}C), E=82-120 MeV; measured particle spectra, angular distributions. ^{20}Ne deduced possible resonance states energies, J, π. JOUR PRVCA 71 047305
	2005GIZZ	NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005

A=5

^{5}H	2005GU07	NUCLEAR REACTIONS ^{9}Be(π^-, dtX), (π^-, ptX), (π^-, pdX), (π^-, 2dX), E at rest; ^{11}B(π^-, pαX), E at rest; measured missing mass spectra. ^{5,6}H deduced resonance parameters. JOUR YAFIA 68 520

A=5 *(continued)*

	2005GU17	NUCLEAR REACTIONS ^{9}Be(π^-, ptX), (π^-, dtX), (π^-, 2tX), E at rest; ^{12}C(π^-, ptX), (π^-, dtX), (π^-, 2dX), E at rest; measured missing-mass spectra. ^{4,5}H deduced excited states energies, widths. JOUR ZAANE 24 231
^{5}He	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005OK02	NUCLEAR REACTIONS ^{6}Li(π^+, K$^+$p), ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured nucleon-nucleon pair spectra, yields following hypernucleus decay; deduced hyperon decay widths. JOUR NUPAB 752 196c
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005
^{5}Li	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=6

^{6}H	2005GU07	NUCLEAR REACTIONS ^{9}Be(π^-, dtX), (π^-, ptX), (π^-, pdX), (π^-, 2dX), E at rest; ^{11}B(π^-, pαX), E at rest; measured missing mass spectra. ^{5,6}H deduced resonance parameters. JOUR YAFIA 68 520
^{6}He	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005GIZZ	NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005
^{6}Li	2005AB04	NUCLEAR REACTIONS ^{6,7}Li(π^-, pX), (π^-, dX), (π^-, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, $\sigma(\theta)$, missing energy. ^{6,7}Li deduced effective quasideuteron numbers. JOUR YAFIA 68 503

A=6 *(continued)*

2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
2005GO14	NUCLEAR REACTIONS ^{3}He(α, pα), E=27.2 MeV; measured Ep, Eα, pα-coin, σ(E, θ). ^{6}Li deduced excited states energies, widths. JOUR UKPJA 50 327
2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263

A=7

^{7}He	2005WUZZ	NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; measured particle spectra, angular distributions. ^{7}He deduced excited states. CONF Argonne(Nuclei at the Limits),P393,Wuosmaa
^{7}Li	2005AB04	NUCLEAR REACTIONS ^{6,7}Li(π^{-}, pX), (π^{-}, dX), (π^{-}, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, $\sigma(\theta)$, missing energy. ^{6,7}Li deduced effective quasideuteron numbers. JOUR YAFIA 68 503
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
^{7}Be	2004MAZP	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. REPT KEK Preprint 2004-90,Matsumura
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=8

^{8}Li	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005NA15	NUCLEAR REACTIONS ^{7}Li(n, γ), E $\approx$ 10-80 keV; measured Eγ, Iγ, σ; deduced interaction potential features. ^{7}Be(p, γ), E $\approx$ 0.1-3 MeV; calculated astrophysical S-factor. JOUR PRVCA 71 055803
^{8}Be	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005DA12	NUCLEAR REACTIONS ^{4}He(α, α'), E=22.4, 26.5 MeV; measured Eγ, Eα, $\alpha\alpha$-, $\gamma\alpha$-coin; deduced resonance σ. ^{8}Be deduced transition B(E2), cluster structure. JOUR PRLTA 94 122502
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
^{8}B	2005NA15	NUCLEAR REACTIONS ^{7}Li(n, γ), E $\approx$ 10-80 keV; measured Eγ, Iγ, σ; deduced interaction potential features. ^{7}Be(p, γ), E $\approx$ 0.1-3 MeV; calculated astrophysical S-factor. JOUR PRVCA 71 055803

A=9

^{9}Li	2005LI19	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E=39 MeV; measured particle spectra, $\sigma(\theta)$. ^{8}Li(n, γ), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 052801
	2005PR11	RADIOACTIVITY ^{9}Li(β^{-}) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β-decay branching ratios. ^{9}Be deduced levels, J, π, resonance states. JOUR PYLBB 618 43
^{9}Be	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005PR11	RADIOACTIVITY ^{9}Li(β^{-}) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β-decay branching ratios. ^{9}Be deduced levels, J, π, resonance states. JOUR PYLBB 618 43

A=9 *(continued)*

^{9}B	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=10

^{10}Be	2004MAZP	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. REPT KEK Preprint 2004-90,Matsumura
	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
^{10}B	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
^{10}C	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=11

^{11}Be	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain
^{11}B	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=11 *(continued)*

	2005ME05	NUCLEAR REACTIONS ^{14}C(^{11}B, ^{11}B), (^{11}B, ^{14}C), E=45 MeV; measured σ(E, θ); deduced optical model parameters. ^{14}C levels deduced deformation parameters, single-particle structure. Coupled-channels analysis. JOUR NUPAB 753 13
	2005ROZX	NUCLEAR REACTIONS ^{12}C(e, e'p), E=3.123, 3.298 GeV; measured electron and proton spectra; deduced nuclear transparency. PREPRINT nucl-ex/0506007,6/05/2005
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005
^{11}C	2004BO47	NUCLEAR REACTIONS ^{12}C(e, e'π^-p), E=855 MeV; measured Δ-particle production associated carbon, pion, and proton spectra; deduced medium effects. JOUR FIZBE 13 507
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005KI09	NUCLEAR REACTIONS ^{12}C(p, d), E=45 MeV; measured deuteron spectra, σ(E, θ). JOUR KPSJA 46 1318
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005

A=12

^{12}Be	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain
^{12}B	2004FU34	NUCLEAR REACTIONS C(e, e'K$^+$), E=1.8 GeV; measured missing mass spectrum. ^{12}B deduced hypernucleus excited states. JOUR FIZBE 13 645
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611

A=12 *(continued)*

^{12}C	2005AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C, ^{27}Al, ^{51}V(K$^-$, π^-X), E at rest; measured hypernucleus production associated mass spectra; deduced hypernucleus decay features. ^{12}C deduced hypernucleus binding energies. JOUR NUPAB 752 139c
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
	2005OK02	NUCLEAR REACTIONS ^{6}Li(π^+, K$^+$p), ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured nucleon-nucleon pair spectra, yields following hypernucleus decay; deduced hyperon decay widths. JOUR NUPAB 752 196c
	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain

A=13

^{13}C	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005TAZY	NUCLEAR REACTIONS ^{14}N(^{13}N, ^{14}O), E=11.8 MeV / nucleon; measured particle spectra; deduced asymptotic normalization coefficient. ^{13}N(p, γ), E(cm) $\approx$ 0-600 keV; deduced astrophysical S-factor, reaction rate. Implications for novae nucleosynthesis discussed. CONF Argonne(Nuclei at the Limits),P329,Tang
^{13}N	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=14

^{14}B	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{14}C	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005GO10	NUCLEAR REACTIONS ^{14}N(μ^-, ν), E at 65 MeV / c; measured Doppler-shifted Eγ, Iγ; deduced recoil nucleus alignment. Comparison with model predictions. JOUR PRVCA 71 035503
	2005ME05	NUCLEAR REACTIONS ^{14}C(^{11}B, ^{11}B), (^{11}B, ^{14}C), E=45 MeV; measured σ(E, θ); deduced optical model parameters. ^{14}C levels deduced deformation parameters, single-particle structure. Coupled-channels analysis. JOUR NUPAB 753 13
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005
^{14}N	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
^{14}O	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005NE05	NUCLEAR REACTIONS ^{14}N(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. ^{14}O deduced level energies, widths. JOUR PRVCA 71 047303
	2005TAZY	NUCLEAR REACTIONS ^{14}N(^{13}N, ^{14}O), E=11.8 MeV / nucleon; measured particle spectra; deduced asymptotic normalization coefficient. ^{13}N(p, γ), E(cm) $\approx$ 0-600 keV; deduced astrophysical S-factor, reaction rate. Implications for novae nucleosynthesis discussed. CONF Argonne(Nuclei at the Limits),P329,Tang

A=15

^{15}B	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{15}N	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
^{15}O	2004CO27	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured astrophysical S-factors. Solid and gas targets. JOUR NIFCA 27 423
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BR15	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) $\approx$ 16-100 keV; measured Ep, pp-coin, astrophysical S-factor. ^{14}N(p, γ), E=130-240 keV; measured Eγ, astrophysical S-factor. JOUR NPBSE 145 33
	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801

A=16

^{16}O	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005HA16	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=0.89-2.8 MeV; measured $\sigma(\theta)$, S-factors; deduced astrophysical reaction rate. JOUR NUPAB 752 514c
	2005KHZZ	NUCLEAR REACTIONS ^{16}O(^{16}O, ^{16}O'), E=250, 350, 480, 704, 1120 MeV; measured σ(E, θ); deduced refractive features. DWBA and folding-model analyses, nuclear rainbow. PREPRINT nucl-ex/0504020,4/22/2005

A=17

^{17}B	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{17}C	2005EL07	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E $\approx$ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E $\approx$ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174

A=18

^{18}O	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237
^{18}F	2005FO03	NUCLEAR REACTIONS ^{17}O(p, γ), E=140-540 keV; measured Eγ, Iγ; deduced resonance parameters, excitation functions, thermonuclear reaction rates. JOUR PRVCA 71 055801
^{18}Ne	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237

A=19

^{19}C	2005EL07	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E $\approx$ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E $\approx$ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174
^{19}F	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801
^{19}Ne	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801
^{19}Na	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237

A=20

^{20}O	2005WI05	NUCLEAR REACTIONS ^{10}Be(^{14}C, α), E=21.4 MeV; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{20}O deduced levels, J, π, core excitation. Comparison with shell model predictions. JOUR PRLTA 94 132501
^{20}F	2005EG01	NUCLEAR REACTIONS ^{14}N, ^{19}F(n, γ), E=thermal; measured Eγ, Iγ, capture σ. JOUR NIMAE 545 296
^{20}Ne	2005FR14	NUCLEAR REACTIONS ^{12}C(^{12}C, ^{8}Be^{12}C), E=82-120 MeV; measured particle spectra, angular distributions. ^{20}Ne deduced possible resonance states energies, J, π. JOUR PRVCA 71 047305

A=21

No references found

A=22

^{22}O	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553
^{22}F	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553
^{22}Ne	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553
^{22}Na	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{22}Mg	2005CH30	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm) $\approx$ 200-1100 keV; measured thick-target yield. ^{21}Na(p, γ), E=low; deduced resonance parameters, astrophysical reaction rate. JOUR NUPAB 752 510c
	2005PA31	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(p, t), E=33 MeV; measured triton spectra; deduced reaction Q-values. ^{22}Mg, ^{26}Si deduced mass excesses. JOUR PRVCA 71 055804

A=23

^{23}Na	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=24

^{24}Mg	2005JE03	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E(cm) ≈ 8 MeV; measured Eγ, Iγ, σ; deduced role of doorway states. Gammasphere array. JOUR PRVCA 71 041301
	2005JEZZ	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E ≈ 16 MeV; measured Eγ, Iγ, σ; deduced role of doorway states. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P367,Jenkins

A=25

No references found

A=26

^{26}O	2005SCZY	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured isotopic yields following proton-stripping reactions; deduced no evidence for ^{26}O, ^{28}F. PREPRINT nucl-ex/0504007,4/5/2005
^{26}Na	2005GR07	RADIOACTIVITY ^{26}Na(β^-) [from Si, Ta(p, X)]; measured Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{26}Mg deduced levels, J, π, β-feeding intensities. JOUR PRVCA 71 044309
^{26}Mg	2005GR07	RADIOACTIVITY ^{26}Na(β^-) [from Si, Ta(p, X)]; measured Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{26}Mg deduced levels, J, π, β-feeding intensities. JOUR PRVCA 71 044309
^{26}Si	2005PA31	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(p, t), E=33 MeV; measured triton spectra; deduced reaction Q-values. ^{22}Mg, ^{26}Si deduced mass excesses. JOUR PRVCA 71 055804

A=27

No references found

A=28

^{28}F	2005SCZY	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured isotopic yields following proton-stripping reactions; deduced no evidence for ^{26}O, ^{28}F. PREPRINT nucl-ex/0504007,4/5/2005
^{28}Ne	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
^{28}Na	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501

A=29

^{29}Ne	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
^{29}Na	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501

A=30

^{30}Mg	2005NI09	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{30}Mg deduced transition, B(E2). JOUR NUPAB 752 273c
	2005NI11	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{30}Mg transition deduced B(E2). JOUR PRLTA 94 172501
^{30}Al	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
	2005UE01	NUCLEAR MOMENTS ^{30,32}Al; measured β-NMR spectra; deduced μ. JOUR PYLBB 615 186
^{30}Si	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186

A=31

^{31}P	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova

A=31 *(continued)*

^{31}S	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova

A=32

^{32}Al	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
	2005UE01	NUCLEAR MOMENTS ^{30,32}Al; measured β-NMR spectra; deduced μ. JOUR PYLBB 615 186
^{32}Si	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186

A=33

No references found

A=34

^{34}P	2005OL02	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{34}P deduced levels, J, π, configurations. GASP array, level systematics in neighboring isotopes discussed. JOUR PRVCA 71 034316

A=35

^{35}Cl	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova
^{35}Ar	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova

A=36

^{36}Si	2005CAZZ	NUCLEAR REACTIONS ^{1}H(^{36}Si, p), (^{38}Si, p), E not given; measured particle spectra, (particle)γ-coin. ^{36,38}Si deduced excited states energies. CONF Argonne(Nuclei at the Limits),P127,Campbell

A=37

No references found

A=38

^{38}Si	2005CAZZ	NUCLEAR REACTIONS ^{1}H(^{36}Si, p), (^{38}Si, p), E not given; measured particle spectra, (particle)γ-coin. ^{36,38}Si deduced excited states energies. CONF Argonne(Nuclei at the Limits),P127,Campbell
^{38}Ar	2005GO11	RADIOACTIVITY ^{38m}K(β^+); measured Eβ, recoil spectrum, (recoil)β-coin; deduced β-ν correlation parameter. Magneto-optical trap. JOUR PRLTA 94 142501
^{38}K	2005GO11	RADIOACTIVITY ^{38m}K(β^+); measured Eβ, recoil spectrum, (recoil)β-coin; deduced β-ν correlation parameter. Magneto-optical trap. JOUR PRLTA 94 142501

A=39

No references found

A=40

No references found

A=41

No references found

A=42

^{42}Si	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922
^{42}K	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E $\approx$ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E $\approx$ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
^{42}Ca	2005KM01	NUCLEAR REACTIONS ^{28}Si(^{18}O, X), E=105 MeV; measured Eγ, Iγ. ^{46}Ti deduced GDR strength function. ^{42}Ca deduced feeding of highly-deformed rotational band from GDR decay. Euroball IV and Hector arrays. JOUR APOBB 36 1169

A=43

^{43}P	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922

A=44

^{44}S	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922

A=45

^{45}Ar	2005GA18	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, ^{45}ArX), E=70 MeV / nucleon; measured Eγ, Iγ, fragments parallel momentum distributions following one-neutron removal; deduced dissipative effects. ^{45}Ar levels deduced branching ratios, spectroscopic factors. Comparison with eikonal theory. JOUR PRVCA 71 051301

A=46

^{46}Ca	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E $\approx$ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E $\approx$ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
^{46}Sc	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{46}Ti	2005KM01	NUCLEAR REACTIONS ^{28}Si(^{18}O, X), E=105 MeV; measured Eγ, Iγ. ^{46}Ti deduced GDR strength function. ^{42}Ca deduced feeding of highly-deformed rotational band from GDR decay. Euroball IV and Hector arrays. JOUR APOBB 36 1169

A=47

No references found

A=48

^{48}Sc	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{48}Ti	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{48}V	2005CHZY	NUCLEAR REACTIONS ^{10}B(^{40}Ca, X)^{48}Mn / ^{48}V, E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn, ^{48}V deduced levels, J, π, Coulomb energy differences. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P199,Chandler
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{48}Mn	2005CHZY	NUCLEAR REACTIONS ^{10}B(^{40}Ca, X)^{48}Mn / ^{48}V, E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn, ^{48}V deduced levels, J, π, Coulomb energy differences. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P199,Chandler

A=49

^{49}Ti	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi

A=50

^{50}Ca	2005BR18	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=210 MeV; ^{208}Pb(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=280 MeV; ^{238}U(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{50}Ca, ^{51}Sc deduced levels, J, π, configurations. GASP, Gammasphere arrays. JOUR APOBB 36 1343
^{50}Ti	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi

A=50 *(continued)*

^{50}V	2005SU07	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E not given; measured Eγ, Iγ. ^{50,51}V deduced radiative strength functions, thermodynamic properties. JOUR APOBB 36 1197
^{50}Cr	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito

A=51

^{51}Sc	2005BR18	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=210 MeV; ^{208}Pb(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=280 MeV; ^{238}U(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{50}Ca, ^{51}Sc deduced levels, J, π, configurations. GASP, Gammasphere arrays. JOUR APOBB 36 1343
^{51}Ti	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E $\approx$ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E $\approx$ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
^{51}V	2005SU07	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E not given; measured Eγ, Iγ. ^{50,51}V deduced radiative strength functions, thermodynamic properties. JOUR APOBB 36 1197
^{51}Cr	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=52

^{52}Ti	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca

A=52 *(continued)*

^{52}Mn	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{52}Fe	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
^{52}Ni	2005BL15	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. JOUR PRLTA 94 232501
	2005BLZZ	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. PREPRINT nucl-ex/0505016,5/13/2005

A=53

No references found

A=54

^{54}Ti	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E ≈ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E ≈ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
^{54}Cr	2005BE33	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), E=136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54}Cr deduced transitions. JOUR APOBB 36 1235
	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249

A=54 *(continued)*

	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
^{54}Mn	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{54}Fe	2005HA25	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X)^{54}Ni, E not given; ^{9}Be(^{55}Co, X)^{54}Fe, E not given; measured Eγ, Iγ, (particle)γ-coin. Two-step fragmentation of ^{58}Ni primary beam. JOUR APOBB 36 1253
^{54}Ni	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005HA25	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X)^{54}Ni, E not given; ^{9}Be(^{55}Co, X)^{54}Fe, E not given; measured Eγ, Iγ, (particle)γ-coin. Two-step fragmentation of ^{58}Ni primary beam. JOUR APOBB 36 1253
^{54}Zn	2005BL15	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragment yields; deduced evidence for ^{54}Zn. JOUR PRLTA 94 232501
	2005BL15	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. JOUR PRLTA 94 232501
	2005BLZZ	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragment yields; deduced evidence for ^{54}Zn. PREPRINT nucl-ex/0505016,5/13/2005
	2005BLZZ	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. PREPRINT nucl-ex/0505016,5/13/2005

A=55

No references found

A=56

^{56}Ti	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E ≈ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, γγ-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E ≈ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
^{56}Cr	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
^{56}Co	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{56}Ni	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=57

^{57}Co	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{57}Ni	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=58

^{58}Cr	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
^{58}Co	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{58}Ni	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005HO10	NUCLEAR REACTIONS ^{58}Ni(polarized p, p'), (polarized p, p), E=172 MeV; measured elastic and inelastic σ(E, θ), analyzing powers. Comparison with model predictions. JOUR PYLBB 612 165

A=59

^{59}Cr	2005FRZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. CONF Argonne(Nuclei at the Limits),P142,Freeman
^{59}Fe	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=60

^{60}Cr	2005FRZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. CONF Argonne(Nuclei at the Limits),P142,Freeman
^{60}Co	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=61

^{61}Ni	2005RO11	NUCLEAR REACTIONS ^{61}Ni(γ, γ'), E $\approx$ 67.41 keV; measured Eγ, Iγ(t). ^{61}Ni level deduced $T_{1/2}$. Synchrotron radiation, nuclear lighthouse effect. JOUR PRBMD 71 140401
^{61}Ga	2005RU06	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, 2n), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga, ^{62}Ge deduced levels, transitions. JOUR NUPAB 752 241c

A=62

^{62}Ge	2005RU06	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, 2n), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga, ^{62}Ge deduced levels, transitions. JOUR NUPAB 752 241c

A=63

No references found

A=64

^{64}Zn	2005GO09	NUCLEAR REACTIONS ^{64}Zn(^{6}Li, X), (^{7}Li, X), (^{9}Be, X), (^{16}O, X), E ≈ 16-69 MeV; measured fusion and reaction σ; deduced reaction mechanism features. ^{64}Zn(^{9}Be, ^{9}Be), E=17-28 MeV; ^{64}Zn(^{16}O, ^{16}O), E=40-64 MeV; measured elastic $\sigma(\theta)$. Coupled channels analysis. JOUR PRVCA 71 034608
	2005LE12	NUCLEAR REACTIONS C(^{64}Zn, ^{64}Zn'), (^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{64,68}Zn levels deduced g factors, $T_{1/2}$, B(E2). Transient-field technique, large-scale shell model calculations. JOUR PRVCA 71 034303

A=65

^{65}Cu	2005BEZX	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission intensities. ^{65}Cu levels deduced β-feeding intensities. EUROMET project 721. REPT CEA-R-6081,Be
	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107
^{65}Zn	2005BEZX	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission intensities. ^{65}Cu levels deduced β-feeding intensities. EUROMET project 721. REPT CEA-R-6081,Be
	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107

A=66

^{66}Ga	2005SZ02	NUCLEAR REACTIONS ^{66}Zn(p, n), ^{68}Zn(p, 2n), (p, 3n), E ≈ 5-100 MeV; Zn(p, X)^{66}Ga / ^{67}Ga, E ≈ 5-100 MeV; measured production σ. Stacked-foil activation, comparison with previous results. JOUR NIMBE 234 375

A=67

^{67}Ga	2005BA30	NUCLEAR REACTIONS ^{63}Cu(α, γ), E=5.9-8.7 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. Astrophysical implications discussed. JOUR PRVCA 71 035801
	2005SZ02	NUCLEAR REACTIONS ^{66}Zn(p, n), ^{68}Zn(p, 2n), (p, 3n), E ≈ 5-100 MeV; Zn(p, X)^{66}Ga / ^{67}Ga, E ≈ 5-100 MeV; measured production σ. Stacked-foil activation, comparison with previous results. JOUR NIMBE 234 375

A=68

^{68}Zn	2005LE12	NUCLEAR REACTIONS C(^{64}Zn, ^{64}Zn'), (^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{64,68}Zn levels deduced g factors, $T_{1/2}$, B(E2). Transient-field technique, large-scale shell model calculations. JOUR PRVCA 71 034303
	2005LEZX	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA following projectile Coulomb excitation. ^{68}Zn levels deduced $T_{1/2}$, g factors. Transient field technique, comparison with shell model predictions. PREPRINT nucl-ex/0506006,6/05/2005
^{68}Ge	2005LE19	NUCLEAR REACTIONS ^{12}C(^{64}Zn, 2α), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\alpha$-, $\alpha\gamma$-coin. ^{68}Ge deduced level energies, B(E2), g factor. Transient field technique. JOUR PRVCA 71 044316

A=69

No references found

A=70

^{70}Ni	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi

A=71

^{71}Co	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{71}Ni	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi

A=72

^{72}Co	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi

A=72 *(continued)*

^{72}Ni	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{72}Zn	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c
^{72}Ge	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
^{72}Kr	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement

A=73

^{73}Co	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{73}Ni	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi

A=74

^{74}Co	2005MAZX	NUCLEAR REACTIONS ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon; measured fragment yields; deduced evidence for ^{74}Co, ^{76}Ni. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{74}Ni	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi

A=74 *(continued)*

^{74}Cu	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{74}Zn	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{74}Kr	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E $\approx$ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c

A=75

No references found

A=76

^{76}Ni	2005MAZX	NUCLEAR REACTIONS ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon; measured fragment yields; deduced evidence for ^{74}Co, ^{76}Ni. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{76}Cu	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{76}Zn	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307

A=76 *(continued)*

^{76}Ge	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
^{76}Kr	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E $\approx$ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c
	2005VA09	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 4p), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{76}Kr deduced high-spin levels, J, π, $T_{1/2}$, transition quadrupole moments, configurations. Gammasphere, Microball arrays, comparison with cranked mean-field model predictions. JOUR PRVCA 71 034311
	2005VA18	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 4p), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{76}Kr deduced high-spin levels, J, π, $T_{1/2}$, configurations. Gammasphere, Microball arrays. JOUR APOBB 36 1339
^{76}Rb	2005RU07	RADIOACTIVITY ^{76}Sr(EC), (β^+) [from Nb(p, X)]; measured Eβ, Iβ, Eγ; deduced Gamow-Teller strength distribution. ^{76}Sr deduced ground-state deformation. Total absorption technique. JOUR NUPAB 752 251c
^{76}Sr	2005RU07	RADIOACTIVITY ^{76}Sr(EC), (β^+) [from Nb(p, X)]; measured Eβ, Iβ, Eγ; deduced Gamow-Teller strength distribution. ^{76}Sr deduced ground-state deformation. Total absorption technique. JOUR NUPAB 752 251c

A=77

^{77}Zn	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307

A=77 *(continued)*

^{77}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=78

^{78}Cu	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{78}Zn	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{78}Ge	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{78}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=79

^{79}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=80

^{80}Ge	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{80}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=80 *(continued)*

^{80}Sr	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=81

^{81}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{81}Zr	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=82

^{82}Ge	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{82}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{82}Se	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{82}Kr	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=83

^{83}Ge	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones

A=83 *(continued)*

^{83}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=84

^{84}Se	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c
	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{84}Rb	2005PA33	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=13-30 MeV bremsstrahlung; measured isomeric yield ratios. Activation technique. JOUR AENGA 98 238
^{84}Zr	2005CHZZ	NUCLEAR REACTIONS ^{58}Ni(^{32}S, 2pα), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{84}Zr deduced high-spin levels, J, π, superdeformed band, linking transitions, band mixing features. Gammasphere, Microball arrays. CONF Argonne(Nuclei at the Limits),P40,Chiara
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=85

^{85}Se	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones
^{85}Br	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c
^{85}Mo	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=86

^{86}Rb	2005PA33	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=13-30 MeV bremsstrahlung; measured isomeric yield ratios. Activation technique. JOUR AENGA 98 238

A=87

^{87}Rb	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301

A=88

^{88}Mo	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=89

^{89}Zr	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{89}Ru	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=90

^{90}Y	2005YA11	NUCLEAR REACTIONS ^{90}Zr(n, p), E=293 MeV; measured σ(E, θ); ^{90}Zr(p, n), E=295 MeV; analyzed σ(E, θ); deduced Gamow-Teller strengths, quenching factor. JOUR PYLBB 615 193
^{90}Zr	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
^{90}Nb	2005YA11	NUCLEAR REACTIONS ^{90}Zr(n, p), E=293 MeV; measured σ(E, θ); ^{90}Zr(p, n), E=295 MeV; analyzed σ(E, θ); deduced Gamow-Teller strengths, quenching factor. JOUR PYLBB 615 193

A=91

^{91}Y	2005BU08	NUCLEAR REACTIONS ^{82}Se(^{12}C, 2np), E=38 MeV; ^{82}Se(^{16}O, 2np), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{12}C, ^{16}O(^{82}Se, X)^{91}Y / ^{95}Nb, E=470 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Y, ^{95}Nb deduced high-spin levels, J, π, configurations. GASP array, comparison with shell model predictions, level systematics in neighboring isotones discussed. JOUR PRVCA 71 034315
^{91}Mo	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{91}Tc	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=92

^{92}Zr	2005FR17	NUCLEAR REACTIONS ^{92}Zr(n, n'γ), E=2.2, 3.9 MeV; measured Eγ, Iγ, angular distributions, DSA. ^{92}Zr(n, n'γ), E=2.6-3.9 MeV; measured excitation functions. ^{92}Zr deduced levels, J, π, $T_{1/2}$, δ. Comparison with model predictions, neighboring nuclides. JOUR PRVCA 71 054304
	2005LA13	NUCLEAR REACTIONS Zr, ^{91}Zr(n, γ), E $\approx$ 0.1-5000 eV; measured Eγ, capture σ, baseline shift effect. JOUR NIMAE 543 502
	2005OH04	NUCLEAR REACTIONS ^{91,92}Zr(n, γ), E=15-550 keV; measured Eγ, γ-ray multiplicity, capture σ. JOUR JNSTA 42 333
^{92}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{92}Mo	2005FU01	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), (^{16}O, 6n), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, γ-ray linear polarization. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. ^{92}Mo deduced levels, J, π. JOUR ZAANE 24 249
^{92}Ru	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{92}Rh	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=93

^{93}Zr	2005OH04	NUCLEAR REACTIONS ^{91,92}Zr(n, γ), E=15-550 keV; measured Eγ, γ-ray multiplicity, capture σ. JOUR JNSTA 42 333
^{93}Mo	2005FU01	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), (^{16}O, 6n), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, γ-ray linear polarization. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. ^{92}Mo deduced levels, J, π. JOUR ZAANE 24 249
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{93}Pd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=94

^{94}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{94}Mo	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617

A=95

^{95}Zr	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{95}Nb	2005BU08	NUCLEAR REACTIONS ^{82}Se(^{12}C, 2np), E=38 MeV; ^{82}Se(^{16}O, 2np), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{12}C, ^{16}O(^{82}Se, X)^{91}Y / ^{95}Nb, E=470 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Y, ^{95}Nb deduced high-spin levels, J, π, configurations. GASP array, comparison with shell model predictions, level systematics in neighboring isotones discussed. JOUR PRVCA 71 034315
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{95}Mo	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307

A=96

^{96}Zr	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{96}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{96}Mo	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=96 *(continued)*

	2005ZI02	NUCLEAR REACTIONS ^{96}Mo(^{20}Ne, ^{20}Ne'), (^{40}Ar, ^{40}Ar'), E=2.5 MeV / nucleon; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96}Mo deduced transitions. JOUR APOBB 36 1289

A=97

^{97}Zr	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{97}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{97}Mo	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307

A=98

^{98}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{98}Mo	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307

A=99

^{99}Mo	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617

A=100

^{100}Zr	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{100}Mo	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
	2005WR01	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{100}Mo deduced levels, J, π. JOUR IMPEE 14 359
^{100}Ru	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=101

^{101}Mo	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313

A=102

^{102}Zr	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{102}Ru	2005LA07	NUCLEAR REACTIONS ^{96}Zr(^{10}B, 3np), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{102}Ru deduced levels, J, π, rotational bands, triaxial deformation. Gammasphere array. JOUR PRVCA 71 034318

A=103

^{103}Ru	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313
^{103}Rh	2005DU15	RADIOACTIVITY ^{103}Pd(EC) [from ^{102}Pd(n, γ)]; measured Eγ, Iγ. ^{103}Rh deduced levels, β-feeding intensities. JOUR PRVCA 71 054322
^{103}Pd	2005DU15	NUCLEAR REACTIONS ^{102,108}Pd(n, γ), E=reactor; measured thermal and resonance capture σ; deduced resonance integrals. Activation technique. JOUR PRVCA 71 054322
	2005DU15	RADIOACTIVITY ^{103}Pd(EC) [from ^{102}Pd(n, γ)]; measured Eγ, Iγ. ^{103}Rh deduced levels, β-feeding intensities. JOUR PRVCA 71 054322

A=104

^{104}Ru	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313

A=105

No references found

A=106

^{106}Mo	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{106}Sb	2005SO06	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, npα), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin, γ-ray polarization. ^{106}Sb deduced high-spin levels, J, π, configurations. Euroball, ISIS arrays. JOUR NUPAB 753 251

A=107

No references found

A=108

^{108}Pd	2005AL25	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2np), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{108}Pd deduced high-spin levels, J, π, configurations. Total Routhian surface calculations. JOUR PRVCA 71 054315

A=108 *(continued)*

^{108}Cd	2005DA16	NUCLEAR REACTIONS ^{100}Mo(^{13}C, 5n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{108}Cd deduced high-spin levels, J, π, B(E2), antimagnetic rotation. Total Routhian surface calculations. JOUR PRVCA 71 041305
	2005FA06	NUCLEAR REACTIONS ^{64}Ni(^{48}Ca, 4n), E=207 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Cd deduced rotational bands transitions, quadrupole moments. JOUR NUPAB 752 231c

A=109

^{109}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{109}Pd	2005DU15	NUCLEAR REACTIONS ^{102,108}Pd(n, γ), E=reactor; measured thermal and resonance capture σ; deduced resonance integrals. Activation technique. JOUR PRVCA 71 054322
^{109}Cd	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
^{109}In	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302

A=110

^{110}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{110}Cd	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
^{110}In	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
^{110}Sn	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
	2005WO03	NUCLEAR REACTIONS ^{98}Mo(^{16}O, 3n), (^{16}O, 4n), E=60, 70, 75, 80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{110,111}Sn deduced high-spin levels, J, π, configurations, isomeric states. Osiris-II array, total Routhian surface calculations. JOUR ZAANE 24 259

A=111

^{111}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{111}Sn	2005WO03	NUCLEAR REACTIONS ^{98}Mo(^{16}O, 3n), (^{16}O, 4n), E=60, 70, 75, 80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{110,111}Sn deduced high-spin levels, J, π, configurations, isomeric states. Osiris-II array, total Routhian surface calculations. JOUR ZAANE 24 259

A=112

^{112}Sn	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
^{112}Te	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205

A=113

^{113}Cd	2005BU20	NUCLEAR REACTIONS ^{112}Cd(polarized d, p), E=22 MeV; ^{114}Cd(polarized d, t), E=25 MeV; measured particle spectra, $\sigma(\theta)$, Ay(θ). ^{113}Cd deduced levels, J, π, spectroscopic factors, configurations. Interacting Boson Fermion model and Quadrupole Phonon model calculations. JOUR NUPAB 756 54
^{113}Sn	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605
^{113}I	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205
^{113}Xe	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205

A=114

^{114}Sn	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605

A=115

^{115}Sn	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605

A=116

^{116}Cd	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
	2005RA13	NUCLEAR REACTIONS ^{116}Sn(d, 2p), E=183 MeV; measured Ep, σ(E, θ). ^{116}In levels deduced Gamow-Teller strength distribution. ^{116}Cd deduced 2β-decay matrix elements. JOUR PRVCA 71 054313
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{116}In	2005RA13	NUCLEAR REACTIONS ^{116}Sn(d, 2p), E=183 MeV; measured Ep, σ(E, θ). ^{116}In levels deduced Gamow-Teller strength distribution. ^{116}Cd deduced 2β-decay matrix elements. JOUR PRVCA 71 054313
^{116}Sn	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=117

No references found

A=118

No references found

A=119

No references found

A=120

^{120}Ba	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=121

^{121}Ce	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=122

^{122}Te	2005HI04	NUCLEAR REACTIONS ^{122}Te(n, n'), E=1.72, 2.80, 3.35 MeV; measured Eγ, Iγ, DSA; deduced excitation functions. ^{122}Te deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). Comparison with interacting boson model predictions. JOUR PRVCA 71 034307
^{122}Xe	2005NY02	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 2n), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{122}Xe deduced possible hyperdeformed structure. Euroball IV and Diamant arrays. JOUR APOBB 36 1033

A=123

^{123}Ag	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters

A=124

^{124}Ag	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{124}Cd	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{124}Sn	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
^{124}Ba	2005AL20	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Ba deduced high-spin levels, J, π. Euroball IV and Diamant arrays. JOUR APOBB 36 1029
^{124}Ce	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=125

^{125}Ag	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{125}Sn	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones
^{125}Te	2005PO09	RADIOACTIVITY ^{125}I(EC); measured Eγ, electron and X-ray spectra, sum energy spectra. JOUR NIMAE 544 584
^{125}I	2005PO09	RADIOACTIVITY ^{125}I(EC); measured Eγ, electron and X-ray spectra, sum energy spectra. JOUR NIMAE 544 584
^{125}Xe	2005HAZW	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), (^{48}Ca, 5n), E=185, 195, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe deduced high-spin levels, J, π, deformation. Euroball, Gammasphere arrays, potential energy surface calculations. CONF Argonne(Nuclei at the Limits),P46,Hansen
^{125}Nd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=126

^{126}Sn	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{126}Xe	2005HAZW	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), (^{48}Ca, 5n), E=185, 195, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe deduced high-spin levels, J, π, deformation. Euroball, Gammasphere arrays, potential energy surface calculations. CONF Argonne(Nuclei at the Limits),P46,Hansen
^{126}Cs	2005PI08	NUCLEAR MOMENTS ^{126}Cs; measured hfs; deduced μ. Bohr-Weisskopf effect. Atomic beam magnetic resonance. JOUR NUPAB 753 3
^{126}Ba	2005NY02	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 2n), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{122}Xe deduced possible hyperdeformed structure. Euroball IV and Diamant arrays. JOUR APOBB 36 1033

A=127

^{127}Te	2005HO15	NUCLEAR REACTIONS ^{126}Te(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Te(polarized d, p), E=20 MeV; measured proton spectra, $\sigma(\theta)$, Ay(θ). ^{127}Te deduced levels, J, π, γ-branching ratios, binding energy, spectroscopic factors. DWBA and coupled-channels analysis, interacting boson-fermion and quasiparticle phonon model calculations. JOUR NUPAB 756 249
^{127}Pr	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=128

^{128}Sn	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{128}Cs	2005GR10	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La levels deduced $T_{1/2}$, B(E2), B(M1), chirality. Osiris II array. JOUR IMPEE 14 347

A=128 *(continued)*

	2005SR02	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{132}La, ^{128}Cs deduced levels, J, π, $T_{1/2}$, rotational bands, intraband B(M1), B(E2). ^{128}Cs deduced possible chiral bands. Osiris II array. JOUR APOBB 36 1063
^{128}Nd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{128}Pm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=129

^{129}Xe	2005WO04	NUCLEAR MOMENTS ^{129,131}Xe; measured hfs; deduced role of nuclear spin in photoionization. JOUR PLRAA 71 052504
^{129}Sm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=130

^{130}Sn	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{130}Cs	2005SI13	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 5n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{130}Cs deduced high-spin levels, J, π, B(M1) / B(E2), chiral structure. Euroball IV array. JOUR JPGPE 31 541

A=131

^{131}Xe	2005WO04	NUCLEAR MOMENTS ^{129,131}Xe; measured hfs; deduced role of nuclear spin in photoionization. JOUR PLRAA 71 052504
^{131}Ce	2005PA30	NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced high-spin levels, J, π, superdeformed bands, configurations, band termination features. Euroball IV array, cranked mean-field calculations. JOUR PRVCA 71 054309

A=132

^{132}Sn	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{132}Sb	2005HU08	RADIOACTIVITY ^{132}Sb(β^-) [from U(p, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Clarion array, comparison with model predictions. JOUR PRVCA 71 044311
^{132}Te	2005HU08	RADIOACTIVITY ^{132}Sb(β^-) [from U(p, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Clarion array, comparison with model predictions. JOUR PRVCA 71 044311
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005ST18	NUCLEAR REACTIONS C(^{132}Te, ^{132}Te'), (^{122}Te, ^{122}Te'), (^{126}Te, ^{126}Te'), (^{130}Te, ^{130}Te'), E=3 MeV / nucleon; measured Eγ, I$\gamma(\theta, \phi)$, (particle)γ-coin following projectile Coulomb excitation; deduced parameters. ^{132}Te level deduced g factor. Clarion, Hyball arrays, recoil-in-vacuum technique. JOUR PRLTA 94 192501
^{132}La	2005GR10	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La levels deduced $T_{1/2}$, B(E2), B(M1), chirality. Osiris II array. JOUR IMPEE 14 347
	2005SR02	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{132}La, ^{128}Cs deduced levels, J, π, $T_{1/2}$, rotational bands, intraband B(M1), B(E2). ^{128}Cs deduced possible chiral bands. Osiris II array. JOUR APOBB 36 1063
^{132}Ce	2005CA23	NUCLEAR REACTIONS ^{198}Pt(^{18}O, xn), E=96 MeV; measured prompt and delayed Eγ, Iγ. ^{216}Rn deduced GDR parameters. ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Iγ. ^{132}Ce deduced GDR features, entrance channel effects. JOUR APOBB 36 1145

A=132 ***(continued)***

2005GR09 NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Eα, light charged particle and evaporation residue spectra. ^{132}Ce deduced GDR features, possible pre-equilibrium effects. JOUR APOBB 36 1155

2005PA30 NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced high-spin levels, J, π, superdeformed bands, configurations, band termination features. Euroball IV array, cranked mean-field calculations. JOUR PRVCA 71 054309

A=133

No references found

A=134

^{134}Sn 2005RA09 NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c

^{134}Te 2005RA09 NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c

^{134}Pr 2005TOZY NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{134}Pr deduced high-spin levels $T_{1/2}$, B(E2), B(M1), chiral symmetry features. Recoil-distance and Doppler-shift attenuation techniques. CONF Argonne(Nuclei at the Limits),P93,Tonev

^{134}Sm 2005XU04 RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=135

^{135}Te	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{135}I	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{135}Xe	2005BA34	NUCLEAR REACTIONS ^{136}Xe(d, ^{3}HeX)^{135}Xe, E=500 MeV; ^{1}H(d, π^0), E=500 MeV; measured helium spectra. ^{135}Xe deduced pionic state binding energy. JOUR YAFIA 68 517
^{135}Ce	2005JAZZ	NUCLEAR REACTIONS ^{124}Sn(^{16}O, 5n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{135}Ce deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2), chiral doublet bands. CONF Argonne(Nuclei at the Limits),P99,Jain
^{135}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=136

^{136}Te	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
^{136}La	2005ZH16	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}La deduced high-spin levels, J, π, configurations. JOUR ZAANE 24 199
^{136}Sm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=137

^{137}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=138

^{138}Xe	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{138}Pr	2005GA14	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{138}Pr deduced high-spin levels, J, π, B(M1) / B(E2), configurations. Comparison with particle-rotor model predictions. JOUR ZAANE 24 173
^{138}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=139

^{139}Dy	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=140

^{140}Xe	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373

A=141

^{141}Tb	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=142

^{142}Xe	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{142}Tb	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski
^{142}Ho	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{142}Er	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=143

^{143}Pm	2005AF02	NUCLEAR REACTIONS ^{141}Pr(α, n), (α, 2n), E=15-45 MeV; measured σ. Stacked-foil activation technique. Comparison with model predictions. JOUR JUPSA 74 1150

A=144

^{144}Ba	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{144}Pm	2005AF02	NUCLEAR REACTIONS ^{141}Pr(α, n), (α, 2n), E=15-45 MeV; measured σ. Stacked-foil activation technique. Comparison with model predictions. JOUR JUPSA 74 1150
^{144}Er	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
^{144}Tm	2005RYZZ	NUCLEAR REACTIONS ^{92}Mo(^{58}Ni, X), E=340 MeV; measured delayed Ep, (recoil)(proton)-coin. ^{144}Tm deduced possible proton decay. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski

A=145

^{145}Er	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski
^{145}Tm	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson

A=146

^{146}Ba	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{146}Tm	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski

A=147

^{147}Tm	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson

A=148

^{148}Sm	2005DA20	NUCLEAR REACTIONS ^{147}Sm(n, γ), E $\approx$ resonance; measured capture σ. Minimization of statistical error discussed. JOUR NIMAE 544 659

A=148 *(continued)*

	2005LI14	NUCLEAR REACTIONS ^{148}Sm(γ, γ'), E=3.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{148}Sm deduced levels, J, π, B(M1), B(E1), B(E2), mixed-symmetry state. Nuclear resonance fluorescence, interacting boson model. JOUR PRVCA 71 044318
^{148}Er	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=149

^{149}Yb	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=150

^{150}Nd	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{150}Sm	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=151

^{151}Sm	2005BU21	NUCLEAR REACTIONS ^{149,151}Sm(t, p), E=15 MeV; measured proton spectra, σ(E, θ); deduced L=0 transition strengths. ^{151,153}Sm deduced levels, L, J, π, configurations. JOUR NUPAB 756 308

A=152

^{152}Sm	2005KU17	RADIOACTIVITY ^{152,152m}Eu(EC) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, rotational band, pairing isomer. JOUR PRVCA 71 041303

A=152 *(continued)*

	2005KU17	NUCLEAR REACTIONS ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{152}Sm deduced levels, J, π, B(E2), rotational band, pairing isomer. Gammasphere, Chico arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 71 041303
^{152}Eu	2005KU17	RADIOACTIVITY ^{152,152m}Eu(EC) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, rotational band, pairing isomer. JOUR PRVCA 71 041303
^{152}Dy	2005LAZZ	NUCLEAR REACTIONS ^{108}Pd(^{48}Ca, 4n), E=194 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, quasi-continuum spectra. ^{152}Dy deduced superdeformed band rotational damping width, decay-out features. Gammasphere array, Monte Carlo analysis. CONF Argonne(Nuclei at the Limits),P34,Lauritsen

A=153

^{153}Sm	2005BU21	NUCLEAR REACTIONS ^{149,151}Sm(t, p), E=15 MeV; measured proton spectra, σ(E, θ); deduced L=0 transition strengths. ^{151,153}Sm deduced levels, L, J, π, configurations. JOUR NUPAB 756 308

A=154

No references found

A=155

No references found

A=156

^{156}Hf	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=157

^{157}Ta	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=158

^{158}W	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=159

No references found

A=160

No references found

A=161

^{161}Lu	2005BR14	NUCLEAR REACTIONS ^{139}La(^{28}Si, 6n), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{161}Lu deduced high-spin levels, J, π, configurations, triaxial superdeformed bands, possible wobbling excitation. Euroball array, total Routhian surface calculation, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 167

A=162

No references found

A=163

^{163}Er	2005BE34	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced K-mixing features vs temperature in quasi-continuum spectra. Euroball array, fluctuation analysis, band-mixing calculations. JOUR PYLBB 615 160
	2005BR10	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced K-mixing features vs temperature in quasi-continuum spectra. Euroball array. JOUR NUPAB 752 227c
	2005LE21	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced compound and rotational damping widths, dependence on K-quantum number, order-to-chaos transition. Euroball array. JOUR APOBB 36 1121
	2005LEZZ	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced compound and rotational damping widths, dependence on K-quantum number. Euroball array. CONF Argonne(Nuclei at the Limits),P309,Leoni

A=163 *(continued)*

^{163}Lu	2005GOZZ	NUCLEAR REACTIONS ^{123}Sb(^{44}Ca, 4n), E=190 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{163}Lu deduced triaxial superdeformed bands transitions $T_{1/2}$, B(E2), B(M1), quadrupole moments. Gammasphere array. Comparison with model predictions. CONF Argonne(Nuclei at the Limits),P9,Gorgen

A=164

No references found

A=165

No references found

A=166

^{166}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque

A=167

^{167}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque

A=168

^{168}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque

A=169

^{169}Yb	2005SP04	NUCLEAR REACTIONS ^{169}Tm(p, n), E=5-45 MeV; measured excitation function; deduced integral yield. Stacked-foil activation. JOUR ARISE 63 235

A=170

No references found

A=171

No references found

A=172

^{172}Yb	2005SA15	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Parity and branching ratio systematics discussed. JOUR PRVCA 71 034304

A=173

^{173}Hf	2005HAZX	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. CONF Argonne(Nuclei at the Limits),P15,Hartley

A=174

^{174}Yb	2005DR05	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Yb, E=6 MeV / nucleon; ^{173}Yb(^{18}O, ^{17}O), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Yb deduced high-spin levels, J, π, δ, isomers $T_{1/2}$, configurations. Gammasphere, Caesar arrays. JOUR PRVCA 71 044326
	2005DRZY	NUCLEAR REACTIONS ^{175,176}Lu(^{136}Xe, X)^{174}Yb, E=6 MeV / nucleon; ^{174}Yb(^{136}Xe, ^{136}Xe'), E=6 MeV / nucleon; ^{173}Yb(^{18}O, ^{17}O), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Yb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$, transition strengths. Gammasphere array. PREPRINT ANU-P/1648,Dracoulis
	2005SA15	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Parity and branching ratio systematics discussed. JOUR PRVCA 71 034304
^{174}Hf	2005HAZX	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. CONF Argonne(Nuclei at the Limits),P15,Hartley

A=175

No references found

A=176

No references found

A=177

No references found

A=178

No references found

A=179

No references found

A=180

No references found

A=181

No references found

A=182

No references found

A=183

No references found

A=184

No references found

A=185

No references found

A=186

No references found

A=187

^{187}Tl	2005CH38	NUCLEAR REACTIONS ^{159}Tb(^{32}S, 4n), E=154 MeV; measured Doppler-shifted Eγ, Iγ. ^{187}Tl deduced high-spin levels, J, π, configurations, $T_{1/2}$, transition quadrupole moments, B(E2), shape coexistence. Comparison with model predictions. JOUR PRVCA 71 054324

A=188

No references found

A=189

^{189}Pb	2005BA51	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, configurations, deformation, isomer $T_{1/2}$. Level systematics in neighboring isotopes discussed. Recoil mass spectrometer, pulsed beams. JOUR PRVCA 71 054302
	2005BAZY	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, configurations, isomer $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P62,Baxter
	2005BAZZ	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, isomeric state $T_{1/2}$, configurations. PREPRINT ANU-P/1634,Baxter

A=190

^{190}Pb	2005WI10	NUCLEAR REACTIONS ^{166}Er(^{28}Si, 4n), E=143 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Pb deduced high-spin levels, J, π, superdeformed band. Gammasphere array. JOUR ZAANE 24 179

A=191

^{191}Os	2005NI12	RADIOACTIVITY ^{191}Os(β^-) [from ^{190}Os(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{191}Ir transition deduced ICC, fluorescence yield. Comparison with model predictions, ^{193m}Ir decay data. Need for K-shell hole to be included in calculations discussed. JOUR PRVCA 71 054320
^{191}Ir	2005NI12	RADIOACTIVITY ^{191}Os(β^-) [from ^{190}Os(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{191}Ir transition deduced ICC, fluorescence yield. Comparison with model predictions, ^{193m}Ir decay data. Need for K-shell hole to be included in calculations discussed. JOUR PRVCA 71 054320

A=192

^{192}Ir	2005HI08	NUCLEAR REACTIONS ^{192}Os(p, n), E $\approx$ 6-20 MeV; measured σ; deduced thick-target yield. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 93

A=193

No references found

A=194

^{194}Pt	2005JO11	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{194}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{194}Pt deduced levels, J, π, configurations, B(E2). GASP array. JOUR APOBB 36 1323
^{194}Au	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=195

^{195}Pb	2005JO10	NUCLEAR REACTIONS ^{174}Yb(^{26}Mg, 5n), E=132 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{195}Pb deduced high-spin levels, J, π, superdeformed bands, quasi-continuum decay-out spectra. Gammasphere array. JOUR PRVCA 71 044310

A=196

^{196}Au	2005LI13	NUCLEAR REACTIONS ^{197}Au(γ, n), E=spectrum; measured activation yield. Incident gammas from laser Compton scattering. JOUR JNSTA 42 259
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=197

^{197}Au	2005BE33	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), E=136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54}Cr deduced transitions. JOUR APOBB 36 1235
	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito

A=198

^{198}Au	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=199

^{199}Hg	2005OS02	NUCLEAR MOMENTS ^{199}Hg; measured electric quadrupole moment. Comparison with model predictions. JOUR PRLTA 94 163001

A=200

No references found

A=201

No references found

A=202

No references found

A=203

No references found

A=204

No references found

A=205

No references found

A=206

No references found

A=207

^{207}Tl	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
^{207}Pb	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005SH22	NUCLEAR REACTIONS ^{79}Br, ^{90}Zr, ^{197}Au, ^{207}Pb(n, n'), E=2.54, 3.1 MeV; measured σ. Pulsed beam. JOUR ANEND 32 949
^{207}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=208

^{208}Pb	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005FL02	NUCLEAR REACTIONS ^{208}Pb(^{16}O, ^{16}O'), (^{16}O, α^{12}C), E=60, 80 MeV / nucleon; measured particle spectra, σ(E, θ), angular correlations; deduced reaction mechanism features. DWBA and coupled-channels analyses. JOUR PYLBB 615 167
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E $\approx$ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c

A=208 *(continued)*

	2005KU17	NUCLEAR REACTIONS ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{152}Sm deduced levels, J, π, B(E2), rotational band, pairing isomer. Gammasphere, Chico arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 71 041303
^{208}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=209

^{209}Po	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{209}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=210

^{210}Bi	2005DE16	NUCLEAR REACTIONS ^{209}Bi(^{6}He, α), (^{6}He, nα), E=23.1 MeV; measured Eα, Eν, nα-coin, angular distributions following residual nucleus decay; deduced two-neutron transfer σ. JOUR PRVCA 71 051601
^{210}Po	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1
^{210}At	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{210}Rn	2005PO10	NUCLEAR REACTIONS ^{198}Pt(^{17}O, 5n), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce). ^{210}Rn deduced high-spin levels, J, π, ICC, configurations. Enriched target, pulsed beam, superconducting electron spectrometer. JOUR NUPAB 756 83

A=210 *(continued)*

	2005POZZ	NUCLEAR REACTIONS ^{198}Pt(^{17}O, 5n), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce). ^{210}Rn deduced high-spin levels, J, π, ICC, configurations. Pulsed beam. PREPRINT ANU-P/1649,Poletti
^{210}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=211

^{211}Bi	2005DE16	NUCLEAR REACTIONS ^{209}Bi(^{6}He, α), (^{6}He, nα), E=23.1 MeV; measured Eα, Eν, nα-coin, angular distributions following residual nucleus decay; deduced two-neutron transfer σ. JOUR PRVCA 71 051601
^{211}At	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1
^{211}Rn	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{211}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{211}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=212

^{212}Bi	2005BE38	NUCLEAR REACTIONS C, ^{27}Al, ^{208}Pb(^{8}Li, α), E=27.7 MeV; measured Eα, $\sigma(\theta)$; deduced reaction mechanism features. JOUR PRVCA 71 054610
^{212}Fr	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591

A=212 *(continued)*

^{212}Ra	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{212}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{212}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=213

^{213}Rn	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{213}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{213}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{213}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=214

^{214}Fr	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{214}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{214}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=215

^{215}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{215}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{215}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=216

^{216}Rn	2005CA23	NUCLEAR REACTIONS ^{198}Pt(^{18}O, xn), E=96 MeV; measured prompt and delayed Eγ, Iγ. ^{216}Rn deduced GDR parameters. ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Iγ. ^{132}Ce deduced GDR features, entrance channel effects. JOUR APOBB 36 1145

A=216 ***(continued)***

^{216}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{216}Th	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{216}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=217

^{217}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{217}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=217 ***(continued)***

^{217}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{217}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=218

^{218}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{218}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{218}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{218}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=219

^{219}Rn	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{219}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{219}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{219}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=220

^{220}Rn	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{220}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{220}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=220 *(continued)*

^{220}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=221

^{221}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{221}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{221}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=222

^{222}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591

A=222 *(continued)*

^{222}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=223

^{223}Ra	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{223}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{223}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=224

^{224}Ra	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{224}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=225

^{225}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=226

^{226}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=227

^{227}Th	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{227}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=228

^{228}Th	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones

A=229

No references found

A=230

No references found

A=231

No references found

A=232

No references found

A=233

No references found

A=234

No references found

A=235

^{235}U	2005WAZZ	NUCLEAR REACTIONS ^{235}U(^{136}Xe, ^{136}Xe'), E=720 MeV; ^{235}U(^{40}Ar, ^{40}Ar'), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{235}U deduced levels, J, π, configurations, transition quadrupole moments, rotational bands, Coriolis effects. Gammasphere, 8PI, Chico arrays. CONF Argonne(Nuclei at the Limits),P263,Ward

A=236

^{236}U	2005CS01	NUCLEAR REACTIONS ^{235}U(d, pF), E=9.73 MeV; measured Ep, prompt fission probability vs excitation energy. ^{236}U deduced hyperdeformed rotational bands, fission barrier features, resonant tunneling. JOUR PYLBB 615 175

A=237

^{237}U	2005ZH20	NUCLEAR REACTIONS ^{239}Pu(^{207}Pb, ^{207}Pb'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{238}U(^{207}Pb, ^{208}Pb), E=1400 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{239}Pu, ^{237}U deduced high-spin levels, J, π, octupole correlation strength. JOUR PYLBB 618 51
^{237}Np	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107

A=238

^{238}Np 2005SH15 NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured average capture σ; deduced resonance integral. Comparison with previous results. JOUR JNSTA 42 135

A=239

^{239}Pu 2005ZH20 NUCLEAR REACTIONS ^{239}Pu(^{207}Pb, ^{207}Pb'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{238}U(^{207}Pb, ^{208}Pb), E=1400 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{239}Pu, ^{237}U deduced high-spin levels, J, π, octupole correlation strength. JOUR PYLBB 618 51

A=240

No references found

A=241

^{241}Am 2005IW01 RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107

A=242

No references found

A=243

^{243}Cf 2005KUZZ RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=244

No references found

A=245

^{245}Es	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=246

No references found

A=247

^{247}Fm	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=248

^{248}Cm	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161

A=249

^{249}Cm	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad
^{249}Bk	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad

A=249 *(continued)*

	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{249}Md	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=250

^{250}Bk	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324

A=251

^{251}Cf	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{251}No	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=252

^{252}Cf	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
	2005JE04	RADIOACTIVITY ^{252}Cf(SF); measured Eα, light charged particle yields, spectra, coincidences from quaternary fission; deduced fission mechanism features. JOUR ZAANE 24 379
	2005TR06	RADIOACTIVITY ^{252}Cf(SF); measured iron-moderated photon and neutron spectra. Comparison with model predictions. JOUR AENGA 98 54

A=253

^{253}Es	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad
	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{253}Lr	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=254

^{254}Es	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{254}No	2005MUZZ	RADIOACTIVITY ^{254}No(IT) [from ^{208}Pb(^{48}Ca, 2n)]; measured E(ce), I(ce), $T_{1/2}$. ^{254}No deduced isomer J, π, configuration. CONF Argonne(Nuclei at the Limits),P243,Mukherjee

A=255

^{255}Fm	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324

A=256

No references found

A=257

^{257}Rf	2005ST16	NUCLEAR REACTIONS ^{208}Pb(^{50}Ti, n), E=237 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{257}Rf. Gas-filled separator, fast liquid-liquid extraction system. JOUR NIMAE 543 509

A=257 *(continued)*

^{257}Db	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=258

No references found

A=259

No references found

A=260

No references found

A=261

^{261}Rf	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita

A=262

No references found

A=263

No references found

A=264

No references found

A=265

^{265}Sg	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita

A=266

No references found

A=267

No references found

A=268

No references found

A=269

^{269}Hs	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita

A=270

No references found

A=271

No references found

A=272

No references found

A=273

^{273}Ds	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita

A=274

No references found

A=275

No references found

A=276

No references found

A=277

^{277}112	2004MOZU	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. PREPRINT Morita
	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita

A=278

No references found

References

2004AZZW L.S.Azhgirey, S.V.Afanasiev, A.Yu.Isupov, V.I.Ivanov, A.N.Khrenov, V.P.Ladygin, N.B.Ladygina, A.G.Litvinenko, V.F.Peresedov, N.P.Yudin, V.N.Zhmyrov, L.S.Zolin - JINR-E1-2004-117 (2004)
Measurement of the tensor A_{yy} and vector A_y analyzing powers of the deuteron inelastic scattering on beryllium at 5.0 GeV / c and 178 mrad

2004BO47 D.Bosnar, M.Makek, for the A1 Collaboration at MAMI - Fizika(Zagreb) B 13, 507 (2004)
Modifications of Delta in nuclear medium

2004BOZX V.R.Bom, A.M.Demin, D.L.Demin, C.W.E.van Eijk, M.P.Faifman, V.V.Filchenkov, A.N.Golubkov, N.N.Grafov, S.K.Grishechkin, K.I.Gritsaj, V.G.Klevtsov, A.D.Konin, A.V.Kuryakin, S.V.Medved, R.K.Musyaev, V.V.Perevozchikov, A.I.Rudenko, S.M.Sadetsky, Yu.I.Vinogradov, A.A.Yukhimchuk, S.A.Yukhimchuk, V.G.Zinov, S.V.Zlatoustovskii - JINR-E15-2004-132 (2004)
Experimental investigation of muon-catalyzed dt fusion in wide ranges of D / T mixture

2004CO27 F.Confortola, D.Bemmerer, R.Bonetti, C.Broggini, P.Corvisiero, H.Costantini, J.Cruz, A.Formicola, Z.Fulop, G.Gervino, A.Guglielmetti, C.Gustavino, G.Gyurky, G.Imbriani, A.P.Jesus, M.Junker, A.Lemut, R.Menegazzo, P.Prati, V.Roca, C.Rolfs, M.Romano, C.Rossi Alvarez, F.Schumann, E.Somorjai, O.Straniero, F.Strieder, F.Terrasi, H.P.Trautvetter, S.Zavatarelli - Nuovo Cim. C 27, 423 (2004)
The ^{14}N(p, γ)^{15}O measurement at low energy

2004FI12 J.M.Finn, for the Jefferson Laboratory E93038 Collaboration - Fizika(Zagreb) B 13, 545 (2004)
Measurements of the electric form factor of the neutron at JLab via recoil polarimetry in the reaction d(e(pol), e'n(pol))

2004FU34 M.Furic, E.V.Hungerford, for the E89-009 / HNSS Collaboration - Fizika(Zagreb) B 13, 645 (2004)
High resolution spectroscopy of the $^{12}_{\Lambda}$B hypernucleus produced by the (e, e'K$^+$) reaction

2004GO58 C.Gordon, J.Melone, P.Cole, J.Kellie, F.Klein, K.Livingston, J.Mueller, J.C.Sanabria, D.Tedeschi, for the CLAS Collaboration - Fizika(Zagreb) B 13, 553 (2004)
Vector meson and associated strangeness production using a linearly polarised photon beam at Jefferson Lab

2004KE18 J.J.Kelly, for the Jefferson Laboratory Hall A Collaboration - Fizika(Zagreb) B 13, 81 (2004)
Recoil polarization for neutral pion electroproduction near the delta resonance

2004MAZP H.Matsumura, T.Sanami, K.Masumoto, N.Nakao, A.Toyoda, M.Kawai, T.Aze, H.Nagai, M.Takada, H.Matsuzaki - KEK Preprint 2004-90 (2004)

Target Dependence of Beryllium Fragment Production in Neutron- and Alpha-induced Nuclear Reactions at Intermediate Energies

2004ME23 D.Mekterovic, I.Supek, for the Crystal Ball Collaboration - Fizika(Zagreb) B 13, 501 (2004)
Preliminary differential cross sections of the charge-exchange reaction

2004MOZU K.Morita - Priv.Comm. (to be published in Proc. EXON 2004) (2004)
Decay of an isotope ^{277}112 produced by ^{208}Pb + ^{70}Zn reaction

2004SA64 M.E.Sadler, for the Crystal Ball Collaboration - Fizika(Zagreb) B 13, 405 (2004)
Pion-nucleon charge exchange measurements in the region of the $\Delta(1232)$ resonance

2004SO35 N.Soic, S.Blagus, M.Bogovac, W.Catford, S.Cherubini, N.Clarke, E.Costanzo, L.Donadille, S.Fazinic, M.Freer, B.Fulton, B.Greenhalgh, K.Jones, M.Lattuada, P.Leask, D.Mahboub, M.Milin, D.Miljanic, D.Rendic, S.Romano, C.Spitaleri, T.Tadic, D.Watson, D.Weisser, M.Zadro - Fizika(Zagreb) B 13, 433 (2004)
Experimental evidence for molecular structures in light nuclei

2004ST32 S.Strauch, for the CLAS Collaboration - Fizika(Zagreb) B 13, 179 (2004)
Helicity-dependent angular distributions in double-charged-pion photoproduction

2004WE17 F.R.Wesselmann - Fizika(Zagreb) B 13, 531 (2004)
Measurement of the neutron's electric form factor G_E^n via doubly polarized, quasi-elastic scattering at Jefferson Lab

2005AB04 B.M.Abramov, Yu.A.Borodin, S.A.Bulychjov, I.A.Dukhovskoy, A.P.Krutenkova, V.V.Kulikov, M.A.Martemyanov, M.A.Matsyuk, V.E.Tarasov, E.N.Turdakina, A.I.Khanov - Yad.Fiz. 68, 503 (2005); Phys.Atomic Nuclei 68, 474 (2005)
Quasielastic Deuteron and Triton Knockout from Lithium Isotopes by Intermediate-Energy Pions

2005AF02 M.Afzal Ansari, N.P.M.Sathik, D.Singh, M.H.Rashid - J.Phys.Soc.Jpn. 74, 1150 (2005)
Measurement and Analysis of Alpha Particle Induced Reactions on Praseodymium

2005AG03 E.S.Ageev, and the COMPASS Collaboration - Phys.Lett. B 612, 154 (2005)
Measurement of the spin structure of the deuteron in the DIS region

2005AG04 M.Agnello, G.Beer, L.Benussi, M.Bertani, S.Bianco, E.Botta, T.Bressani, L.Busso, D.Calvo, P.Camerini, P.Cerello, B.Dalena, F.De Mori, G.D'Erasmo, D.Di Santo, F.L.Fabbri, D.Faso, A.Feliciello, A.Filippi, V.Filippini, E.M.Fiore, H.Fujioka, P.Gianotti, N.Grion, A.Krasnoperov, V.Lucherini, S.Marcello, T.Maruta, N.Mirfakhrai, O.Morra, A.Olin, E.Pace, M.Pallotta, M.Palomba, A.Pantaleo, A.Panzarasa, V.Paticchio, S.Piano, F.Pompili, R.Rui, G.Simonetti, H.So, S.Tomassini, R.Wheadon, A.Zenoni - Nucl.Phys. A752, 139c (2005)
First results from the FINUDA experiment

2005AH03 I.Ahmad, F.G.Kondev, E.F.Moore, M.P.Carpenter, R.R.Chasman, J.P.Greene, R.V.F.Janssens, T.Lauritsen, C.J.Lister, D.Seweryniak, R.W.Hoff, J.E.Evans, R.W.Lougheed, C.E.Porter, L.K.Felker - Phys.Rev. C 71, 054305 (2005)
Energy levels of ^{249}Bk populated in the α decay of $^{253}_{99}$Es and β^- decay of $^{249}_{96}$Cm

2005AHZZ I.Ahmad, F.G.Kondev, E.F.Moore, R.R.Chasman, M.P.Carpenter, J.P.Greene, R.V.F.Janssens, T.Lauritsen, C.J.Lister, D.Seweryniak, R.W.Hoff, J.E.Evans, R.W.Lougheed, C.E.Porter, L.K.Felker - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.251 (2005); AIP Conf. Proc 764 (2005)
Proton Single-Particle States In The Heaviest Actinide Nuclei

2005AL15 D.V.Aleksandrov, E.Yu.Nikolskii, B.G.Novatskii, S.B.Sakuta, D.N.Stepanov - Pisma Zh.Eksp.Teor.Fiz. 81, 49 (2005); JETP Lett. 81, 43 (2005)
Search for Resonances in the Three- and Four-Neutron Systems in the ^{7}Li(^{7}Li, ^{11}C)3n and ^{7}Li(^{7}Li, ^{10}C)4n Reactions

2005AL20 A.Al-Khatib, A.K.Singh, H.Hubel, P.Bringel, A.Burger, A.Neusser, G.Schoenwasser, G.B.Hagemann, C.R.Hansen, B.Herskind, G.Sletten, A.Algora, Zs.Dombradi, J.Gal, G.Kalinka, J.Molnar, B.M.Nyako, D.Sohler, J.Timar, L.Zolnai, M.Kmiecik, A.Maj, J.Styczen, K.Zuber, K.Hauschild, A.Korichi, A.Lopez-Martens, J.Roccaz, S.Siem, F.Hannachi, J.N.Scheurer, P.Bednarczyk, Th.Byrski, D.Curien, O.Dorvaux, G.Duchene, B.Gall, F.Khalfallah, I.Piqueras, J.Robin, K.Juhasz, S.B.Patel, A.O.Evans, G.Rainovski, A.Airoldi, G.Benzoni, A.Bracco, F.Camera, B.Million, P.Mason, A.Paleni, R.Sacchi, O.Wieland, C.M.Petrache, D.Petrache, G.La Rana, R.Moro, G.De Angelis, P.Fallon, I.-Y.Lee, J.C.Lisle, B.Cederwall, K.Lagergren, R.M.Lieder, E.Podsvirova, W.Gast, H.Jaeger, N.Redon, A.Gorgen - Acta Phys.Pol. B36, 1029 (2005)
High-spin states in ^{124}Ba

2005AL25 J.A.Alcantara-Nunez, J.R.B.Oliveira, E.W.Cybulska, N.H.Medina, M.N.Rao, R.V.Ribas, M.A.Rizzutto, W.A.Seale, F.Falla-Sotelo, K.T.Wiedemann - Phys.Rev. C 71, 054315 (2005)
High-spin structures in ^{108}Pd: γ-vibrational band and two-quasineutron excitations

2005AL27 V.Kh.Alimov, M.Mayer, J.Roth - Nucl.Instrum.Methods Phys.Res. B234, 169 (2005)
Differential cross-section of the D(^{3}He, p)^{4}He nuclear reaction and depth profiling of deuterium up to large depths

2005ANZZ K.A.Aniol, and the HAPPEX Collaboration - nucl-ex/0506010,6/07/2005 (2005)
Parity-Violating Electron Scattering from ^{4}He and the Strange Electric Form Factor of the Nucleon

2005AT04 F.Atchison, B.van den Brandt, T.Brys, M.Daum, P.Fierlinger, P.Hautle, R.Henneck, S.Heule, M.Kasprzak, K.Kirch, J.A.Konter, A.Michels, A.Pichlmaier, M.Wohlmuther, A.Wokaun, K.Bodek, U.Szerer, P.Geltenbort, J.Zmeskal, Y.Pokotilovsky - Phys.Rev. C 71, 054601 (2005)
Production of ultracold neutrons from a cold neutron beam on a $^2H_2$ target

2005BA30 M.S.Basunia, E.B.Norman, H.A.Shugart, A.R.Smith, M.J.Dolinski, B.J.Quiter - Phys.Rev. C 71, 035801 (2005)

Measurement of cross sections for the ^{63}Cu(α, γ)^{67}Ga reaction from 5.9 to 8.7 MeV

2005BA33 A.S.Barabash, and the NEMO Collaboration - Yad.Fiz. 68, 443 (2005); Phys.Atomic Nuclei 68, 414 (2005)
Investigation of Double-Beta-Decay Processes at the NEMO-3 Tracking Detector

2005BA34 Chr.Bargholtz, B.A.Chernyshev, L.Geren, V.N.Grebenev, Yu.B.Gurov, B.Hoistad, I.V.Laukhin, K.Lindberg, V.G.Sandukovsky, R.R.Shafigullin, P.-E.Tegner - Yad.Fiz. 68, 517 (2005); Phys.Atomic Nuclei 68, 488 (2005)
A Search for Deeply bound Pionic States of Xenon Produced in the ^{136}Xe(d, ^{3}He)^{135}Xe$_{\pi-bound}$ Reaction

2005BA40 E.Kh.Bazarov, V.V.Glagolev, V.V.Lugovoy, S.L.Lutpullaev, K.Olimov, V.I.Petrov, A.A.Yuldashev, B.S.Yuldashev - Pisma Zh.Eksp.Teor.Fiz. 81, 174 (2005); JETP Lett. 81, 140 (2005)
Cross Sections for the Production of Stable and Unstable Isotopes with Charge Numbers from One to Eight in ^{16}Op Collisions at 3.25 A GeV / c

2005BA43 C.Baumer, D.Frekers, E.-W.Grewe, P.Haefner, S.Hollstein, B.C.Junk, A.Korff, S.Rakers, R.Schmidt, A.M.van den Berg, B.Davids, M.N.Harakeh, M.Hunyadi, M.A.de Huu, H.J.Wortche, N.Blasi, D.De Frenne, E.Jacobs, A.Negret, L.Popescu, R.De Leo, F.Hofmann, P.von Neumann-Cosel, A.Richter - Phys.Rev. C 71, 044003 (2005)
Measurement of the ^{2}H(d, ^{2}He)^{2}n reaction at E$_d$ = 171 MeV and implications for the neutron-neutron scattering length

2005BA50 F.Bauer, J.Bisplinghoff, K.Busser, M.Busch, T.Colberg, C.Dahl, L.Demirors, P.D.Eversheim, K.O.Eyser, O.Felden, R.Gebel, J.Greiff, F.Hinterberger, E.Jonas, H.Krause, C.Lehmann, J.Lindlein, R.Maier, A.Meinerzhagen, C.Pauly, D.Prasuhn, H.Rohdjess, D.Rosendaal, P.von Rossen, N.Schirm, W.Scobel, K.Ulbrich, E.Weise, T.Wolf, R.Ziegler, and the EDDA Collaboration - Phys.Rev. C 71, 054002 (2005)
Excitation functions of spin correlation parameters A$_{NN}$, A$_{SS}$, and A$_{SL}$ in elastic p(pol)p(pol) scattering between 0.45 and 2.5 GeV

2005BA51 A.M.Baxter, A.P.Byrne, G.D.Dracoulis, P.M.Davidson, T.Kibedi, R.V.F.Janssens, M.P.Carpenter, C.N.Davids, T.L.Khoo, T.Lauritsen - Phys.Rev. C 71, 054302 (2005)
Spherical and deformed structures in ^{189}Pb

2005BAZY A.M.Baxter, G.D.Dracoulis, A.P.Byrne, T.Kibedi, P.M.Davidson, R.V.F.Janssens, M.P.Carpenter, C.N.Davids, T.L.Khoo, T.Lauritsen - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.62 (2005); AIP Conf. Proc 764 (2005)
Spherical And Deformed Structures In ^{189}Pb

2005BAZZ A.M.Baxter, A.P.Byrne, G.D.Dracoulis, P.M.Davidson, T.Kibedi, R.V.F.Janssens, M.P.Carpenter, C.N.Davids, T.L.Khoo, T.Lauritsen - ANU-P/1634 (2005)
Spherical and deformed structures in ^{189}Pb

2005BE33 P.Bednarczyk, A.Banu, T.Beck, F.Becker, M.A.Bentley, G.Benzoni, A.Bracco, A.Burger, F.Camera, P.Doornenbal, C.Fahlander, H.Geissel, J.Gerl, M.Gorska, H.Grawe, J.Grebosz, G.Hammond, M.Hellstrom, H.Hubel, J.Jolie, M.Kmiecik, I.Kojouharov, N.Kurz, R.Lozeva, A.Maj, S.Mandal, W.Meczynski, B.Million, S.Muralithar, P.Reiter, D.Rudolph, N.Saito, T.R.Saito, H.Schaffner, J.Simpson, J.Styczen, N.Warr, H.Weick, C.Wheldon, O.Wieland, M.Winkler, H.J.Wollersheim - Acta Phys.Pol. B36, 1235 (2005)
Status of the RISING project at relativistic energies

2005BE34 G.Benzoni, A.Bracco, S.Leoni, N.Blasi, F.Camera, C.Grassi, B.Million, A.Paleni, M.Pignanelli, E.Vigezzi, O.Wieland, M.Matsuo, T.Dossing, B.Herskind, G.B.Hagemann, J.Wilson, A.Maj, M.Kmiecik, G.Lo Bianco, C.M.Petrache, M.Castoldi, A.Zucchiati, G.De Angelis, D.Napoli, P.Bednarczyk, D.Curien - Phys.Lett. B 615, 160 (2005)
Is the K-quantum number conserved in the order-to-chaos transition region?

2005BE38 F.D.Becchetti, R.S.Raymond, D.A.Roberts, J.Lucido, P.A.DeYoung, B.Hilldore, J.Bychowski, A.J.Huisman, P.J.VanWylen, J.J.Kolata, G.Rogachev, J.D.Hinnefeld - Phys.Rev. C 71, 054610 (2005)
The (^{8}Li, α) reaction at low energy: Direct ^{4}H cluster transfer?

2005BE40 G.Beer, A.M.Bragadireanu, M.Cargnelli, C.Curceanu Petrascu, J.-P.Egger, H.Fuhrmann, C.Guaraldo, M.Iliescu, T.Ishiwatari, K.Itahashi, M.Iwasaki, P.Kienle, T.Koike, B.Lauss, V.Lucherini, L.Ludhova, J.Marton, F.Mulhauser, T.Ponta, L.A.Schaller, R.Seki, D.L.Sirghi, F.Sirghi, J.Zmeskal, and the DEAR Collaboration - Phys.Rev.Lett. 94, 212302 (2005)
Measurement of the Kaonic Hydrogen X-Ray Spectrum

2005BEZX M.M.Be, M.-N.Amiot, C.Bobin, M.-C.Lepy, J.Plagnard, J.M.Lee, K.B.Lee, T.S.Park, A.Luca, M.Sahagia, A.-M.Razdolescu, L.Grigorescu, Y.Sato, Y.Hino, K.Kossert, R.Klein, M.H.K.Schneider, H.Schrader, P.Dryak, J.Sochorova, P.Kovar, P.Auerbach, M.Havelka, T.Altzitzoglou, A.Iwahara, M.A.L.da Silva, J.U.Delgado, C.J.Da Silva, L.Johansson, S.Collins, A.Stroak - CEA-R-6081 (2005)
Activity measurement and gamma emission intensities determination in the decay of ^{65}Zn

2005BL09 Y.Blumenfeld - Nucl.Phys. A752, 279c (2005)
Reactions near the neutron drip-line

2005BL15 B.Blank, A.Bey, G.Canchel, C.Dossat, A.Fleury, J.Giovinazzo, I.Matea, N.Adimi, F.De Oliveira, I.Stefan, G.Georgiev, S.Grevy, J.C.Thomas, C.Borcea, D.Cortina, M.Caamano, M.Stanoiu, F.Aksouh, B.A.Brown, F.C.Barker, W.A.Richter - Phys.Rev.Lett. 94, 232501 (2005); Erratum Phys.Rev.Lett. 94, 249901 (2005)
First Observation of ^{54}Zn and its Decay by Two-Proton Emission

2005BLZZ B.Blank, A.Bey, G.Canchel, C.Dossat, A.Fleury, J.Giovinazzo, I.Matea, N.Adimi, F.De Oliveira, I.Stefan, G.Georgiev, S.Grevy, J.C.Thomas, C.Borcea, D.Cortina, M.Caamano, M.Stanoiu, F.Aksouh, B.A.Brown, F.C.Barker, W.A.Richter - nucl-ex/0505016,5/13/2005 (2005)
First observation of ^{54}Zn and its decay by two-proton emission

2005BO15 V.R.Bom, A.M.Demin, D.L.Demin, C.W.E.van Eijk, M.P.Faifman, V.V.Filchenkov, A.N.Golubkov, N.N.Grafov, S.K.Grishechkin, K.I.Gritsaj, V.G.Klevtsov, A.D.Konin, A.V.Kuryakin, S.V.Medved, R.K.Musyaev, V.V.Perevozchikov, A.I.Rudenko, S.M.Sadetsky, Yu.I.Vinogradov, A.A.Yukhimchuk, S.A.Yukhimchuk, V.G.Zinov, S.V.Zlatoustovskii - Zh.Eksp.Teor.Fiz. 127, 752 (2005); J.Exper.Theo.Phys. 100, 663 (2005)
Experimental Investigation of Muon-catalyzed dt Fusion in Wide Ranges of D / T Mixture Conditions

2005BR10 A.Bracco, G.Benzoni, S.Leoni, N.Blasi, F.Camera, C.Grassi, B.Million, A.Paleni, M.Pignanelli, E.Vigezzi, O.Wieland, M.Matsuo, T.Dossing, B.Herskind, G.B.Hagemann, J.Wilson, A.Maj, M.Kmiecik, G.Lo Bianco, C.M.Petrache, M.Castoldi, A.Zucchiati, G.De Angelis, D.Napoli, D.Curien, P.Bednarczyk - Nucl.Phys. A752, 227c (2005)
Conservation of the K-quantum number in warm nuclei

2005BR14 P.Bringel, G.B.Hagemann, H.Hubel, A.Al-khatib, P.Bednarczyk, A.Burger, D.Curien, G.Gangopadhyay, B.Herskind, D.R.Jensen, D.T.Joss, Th.Kroll, G.Lo Bianco, S.Lunardi, W.C.Ma, N.Nenoff, A.Neusser-Neffgen, C.M.Petrache, G.Schonwasser, J.Simpson, A.K.Singh, N.Singh, G.Sletten - Eur.Phys.J. A 24, 167 (2005)
Evidence for wobbling excitation in ^{161}Lu

2005BR15 C.Broggini, the LUNA Collaboration - Nucl.Phys. B(Proc.Supp.) S145, 33 (2005)
Laboratory measurements of astrophysical factors

2005BR18 R.Broda, B.Fornal, W.Krolas, T.Pawlat, J.Wrzesinski, D.Bazzacco, S.Lunardi, G.de Angelis, A.Gadea, C.Ur, N.Marginean, R.V.F.Janssens, M.P.Carpenter, S.J.Freeman, N.Hammond, T.Lauritsen, C.J.Lister, F.Moore, D.Seweryniak, P.J.Daly, Z.W.Grabowski, B.A.Brown, M.Honma - Acta Phys.Pol. B36, 1343 (2005)
Yrast states in N=30 ^{50}Ca and ^{51}Sc isotones studied with deep-inelastic heavy ion reactions

2005BU08 D.Bucurescu, Zs.Podolyak, C.Rusu, G.de Angelis, Y.H.Zhang, G.Cata-Danil, I.Cata-Danil, M.Ivascu, N.Marginean, R.Marginean, L.C.Mihailescu, G.A.Suliman, P.H.Regan, W.Gelletly, S.D.Langdown, J.J.Valiente-Dobon, D.Bazzacco, S.Lunardi, C.A.Ur, M.Axiotis, A.Gadea, E.Farnea, M.Ionescu-Bujor, A.Iordachescu, Th.Kroll, T.Martinez, P.G.Bizzeti, R.Broda, N.H.Medina, B.Quintana, B.Rubio - Phys.Rev. C 71, 034315 (2005)
High-spin states in the nuclei ^{91}Y and ^{95}Nb

2005BU14 A.Burger, T.Saito, A.Al-Khatib, A.Banu, T.Beck, F.Becker, P.Bednarczyk, G.Benzoni, A.Bracco, P.Bringel, F.Camera, E.Clement, P.Doornenbal, H.Geissel, J.Gerl, M.Gorska, A.Gorgen, H.Grawe, J.Grebosz, G.Hammond, M.Hellstrom, H.Hubel, M.Kavatsyuk, O.Kavatsyuk, M.Kmiecik, I.Kojouharov, N.Kurz, R.Lozeva, A.Maj, S.Mandal, W.Meczynski, D.Mehta, B.Million, S.Muralithar, A.Neusser, Zs.Podolyak, T.S.Reddy, P.Reiter, N.Saito, H.Schaffner, A.K.Singh, H.Weick, O.Wieland, C.Wheldon, M.Winkler, H.J.Wollersheim - Acta Phys.Pol. B36, 1249 (2005)

Relativistic Coulomb excitations of ^{54,56,58}Cr

2005BU20 D.Bucurescu, Y.Eisermann, G.Graw, R.Hertenberger, H.-F.Wirth, V.Yu.Ponomarev - Nucl.Phys. A756, 54 (2005)
Detailed spectroscopy of ^{113}Cd through transfer reactions

2005BU21 D.G.Burke, I.G.Nowikow - Nucl.Phys. A756, 308 (2005)
Nuclear structure studies and particle-rotor model tests for ^{151,153}Sm using ^{149,151}Sm(t, p) reactions

2005CA23 F.Camera, M.Kmiecik, O.Wieland, G.Benzoni, A.Bracco, S.Brambilla, F.Crespi, P.Mason, A.Moroni, B.Million, S.Leoni, A.Maj, J.Styczen, M.Brekiesz, W.Meczynski, M.Zieblinski, F.Gramegna, S.Barlini, V.L.Kravchuk, A.L.Lanchais, P.F.Mastinu, M.Bruno, M.D'Agostino, E.Geraci, A.Ordine, G.Casini, M.Chiari - Acta Phys.Pol. B36, 1145 (2005)
GDR in hot nuclei: new measurements

2005CAZZ C.M.Campbell, N.Aoi, D.Bazin, M.D.Bowen, B.A.Brown, J.M.Cook, D.-C.Dinca, A.Gade, T.Glasmacher, S.Kanno, T.Motobayashi, W.F.Mueller, H.Olliver, H.Sakurai, K.Starosta, S.Takeuchi, J.R.Terry, K.Yoneda - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.127 (2005); AIP Conf. Proc 764 (2005)
Trends In Collectivity Approaching N = 28

2005CH30 A.A.Chen, R.E.Azuma, S.Bishop, L.Buchmann, M.L.Chatterjee, J.M.D'Auria, S.Engel, D.Gigliotti, U.Greife, D.Hunter, A.Hussein, D.Hutcheon, C.C.Jewett, J.Jose, J.D.King, A.M.Laird, M.Lamey, R.Lewis, W.Liu, A.Olin, D.Ottewell, P.Parker, J.Rogers, C.Ruiz, M.Trinczek, C.Wrede - Nucl.Phys. A752, 510c (2005)
The ^{21}Na(p, γ)^{22}Mg reaction in novae and x-ray bursts

2005CH38 S.K.Chamoli, P.Joshi, A.Kumar, R.Kumar, R.P.Singh, S.Muralithar, R.K.Bhowmik, I.M.Govil - Phys.Rev. C 71, 054324 (2005)
Shape coexistence and lifetime measurement in ^{187}Tl nucleus

2005CHZY C.Chandler, M.A.Bentley, M.P.Carpenter, C.N.Davids, R.Du Rietz, J.Ekman, S.J.Freeman, G.Hammond, R.V.F.Janssens, S.M.Lenzi, D.Seweryniak - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak And T.L.Khoo, eds., p.199 (2005); AIP Conf. Proc 764 (2005)
First Observation Of Excited States In The T=-1, Odd-Odd Nucleus ^{48}Mn

2005CHZZ C.J.Chiara, D.G.Sarantites, M.Montero, J.O'Brien, O.L.Pechenaya, W.Reviol, R.M.Clark, P.Fallon, A.Gorgen, A.O.Macchiavelli, D.Ward, W.Satula - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.40 (2005); AIP Conf. Proc 764 (2005)
Discrete Linking Transitions For A Superdeformed Band In The A≈80 Region

2005CLZZ E.Clement, A.Gorgen, E.Bouchez, A.Chatillon, W.Korten, Y.Le Coz, C.Theisen, C.Andreoiu, F.Becker, B.Blank, C.Borcea, A.Buta, P.Butler, J.M.Casandjian, W.N.Catford, T.Czosnyka, A.Emsallem, G.de France, J.Genevey, J.Gerl, F.Hannachi, K.Hauschild, R.-D.Herzberg, A.Hurstel, J.Iwanicki, D.Jenkins, G.Jones, M.Lewitowicz, R.Lucas, I.Matea, F.Negoita, F.de Oliveira Santos, D.Pantelica, J.Pinston, P.Rahkila, M.Rejmund, G.Sletten, M.Stanoiu, C.Timis, R.Wadsworth, J.N.Wilson, M.Zielinska - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.55 (2005); AIP Conf. Proc 764 (2005)
Shape Coexistence In Light Krypton Isotopes

2005CS01 M.Csatlos, A.Krasznahorkay, P.G.Thirolf, D.Habs, Y.Eisermann, T.Faestermann, G.Graw, J.Gulyas, M.N.Harakeh, R.Hertenberger, M.Hunyadi, H.J.Maier, Z.Mate, O.Schaile, H.-F.Wirth - Phys.Lett. B 615, 175 (2005)
Resonant tunneling through the triple-humped fission barrier of ^{236}U

2005DA12 V.M.Datar, S.Kumar, D.R.Chakrabarty, V.Nanal, E.T.Mirgule, A.Mitra, H.H.Oza - Phys.Rev.Lett. 94, 122502 (2005)
Direct Observation of the 4^+-to-2^+ Gamma Transition in ^{8}Be

2005DA16 P.Datta, S.Chattopadhyay, S.Bhattacharya, T.K.Ghosh, A.Goswami, S.Pal, M.S.Sarkar, H.C.Jain, P.K.Joshi, R.K.Bhowmik, R.Kumar, N.Madhavan, S.Muralithar, P.V.Madhusudhana Rao, R.P.Singh - Phys.Rev. C 71, 041305 (2005)
Observation of antimagnetic rotation in ^{108}Cd

2005DA20 Y.Danon, R.C.Block - Nucl.Instrum.Methods Phys.Res. A544, 659 (2005)
Minimizing the statistical error in capture cross-section measurements

2005DE12 G.de Angelis - Nucl.Phys. A751, 533c (2005)
Future Perspectives in Nuclear Structure: From high intensity stable to radioactive nuclear beams

2005DE15 F.de Oliveira Santos, P.Himpe, M.Lewitowicz, I.Stefan, N.Smirnova, N.L.Achouri, J.C.Angelique, C.Angulo, L.Axelsson, D.Baiborodin, F.Becker, M.Belleguic, E.Berthoumieux, B.Blank, C.Borcea, A.Cassimi, J.M.Daugas, G.de France, F.Dembinski, C.E.Demonchy, Z.Dlouhy, P.Dolegieviez, C.Donzaud, G.Georgiev, L.Giot, S.Grevy, D.Guillemaud-Mueller, V.Lapoux, E.Lienard, M.J.Lopez Jimenez, K.Markenroth, I.Matea, W.Mittig, F.Negoita, G.Neyens, N.Orr, F.Pougheon, P.Roussel-Chomaz, M.G.Saint-Laurent, F.Sarazin, H.Savajols, M.Sawicka, O.Sorlin, M.Stanoiu, C.Stodel, G.Thiamova, D.Verney, A.C.C.Villari - Eur.Phys.J. A 24, 237 (2005)
Study of ^{19}Na at SPIRAL

2005DE16 P.A.DeYoung, P.J.Mears, J.J.Kolata, E.F.Aguilera, F.D.Becchetti, Y.Chen, M.Cloughesy, H.Griffin, C.Guess, J.D.Hinnefeld, H.Jiang, S.R.Jones, U.Khadka, D.Lizcano, E.Martinez-Quiroz, M.Ojaniega, G.F.Peaslee, A.Pena, J.Rieth, S.VanDenDriessche, J.A.Zimmerman - Phys.Rev. C 71, 051601 (2005)
Two-neutron transfer in the ^{6}He + ^{209}Bi reaction near the Coulomb barrier

2005DEZX M.A.Deleplanque, F.S.Stephens, I.Y.Lee, A.O.Macchiavelli, D.Ward, P.Fallon, M.Cromaz, R.M.Clark, M.Descovich, R.M.Diamond, E.Rodriguez-Vieitez - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.303 (2005); AIP Conf. Proc 764 (2005)
Transition From Order To Chaos In Rotational Nuclei

2005DEZZ F.Della Vedova, S.M.Lenzi, M.Ionescu-Bujor, N.Marginean, E.Farnea, M.Nespolo, G.de Angelis, M.Axiotis, D.Bazzacco, A.Bizzeti-Sona, P.G.Bizzeti, F.Brandolini, D.Bucurescu, A.Iordachescu, S.Lunardi, R.Menegazzo, D.R.Napoli, C.Rossi Alvarez, C.A.Ur - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.205 (2005); AIP Conf. Proc 764 (2005)
Isospin Symmetry Along The N=Z Line In The sd Shell

2005DI05 D.-C.Dinca, R.V.F.Janssens, A.Gade, D.Bazin, R.Broda, B.A.Brown, C.M.Campbell, M.P.Carpenter, P.Chowdhury, J.M.Cook, A.N.Deacon, B.Fornal, S.J.Freeman, T.Glasmacher, M.Honma, F.G.Kondev, J.-L.Lecouey, S.N.Liddick, P.F.Mantica, W.F.Mueller, H.Olliver, T.Otsuka, J.R.Terry, B.A.Tomlin, K.Yoneda - Phys.Rev. C 71, 041302 (2005)
Reduced transition probabilities to the first 2^+ state in ^{52,54,56}Ti and development of shell closures at N=32, 34

2005DIZZ D.C.Dinca, R.V.F.Janssens, A.Gade, B.Fornal, S.Zhu, D.Bazin, R.Broda, C.M.Campbell, M.P.Carpenter, P.Chowdhury, J.M.Cook, P.J.Daly, A.N.Deacon, S.J.Freeman, T.Glasmacher, Z.W.Grabowski, N.J.Hammond, F.G.Kondev, W.Krolas, T.Lauritsen, J.-L.Lecouey, S.N.Liddick, C.J.Lister, P.F.Mantica, E.F.Moore, W.F.Mueller, H.Olliver, T.Pawlat, D.Seweryniak, K.Starosta, J.R.Terry, B.E.Tomlin, J.Wrzesinski, K.Yoneda - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.131 (2005); AIP Conf. Proc 764 (2005)
Neutron-Rich Ti Isotopes And Possible N = 32 And N = 34 Shell Gaps

2005DR05 G.D.Dracoulis, G.J.Lane, F.G.Kondev, A.P.Byrne, T.Kibedi, H.Watanabe, I.Ahmad, M.P.Carpenter, S.J.Freeman, R.V.F.Janssens, N.J.Hammond, T.Lauritsen, C.J.Lister, G.Mukherjee, D.Seweryniak, P.Chowdhury, S.K.Tandel - Phys.Rev. C 71, 044326 (2005); Erratum Phys.Rev. C 73, 019901 (2006)
Structure of two-, four-, and six-quasiparticle isomers in ^{174}Yb and K-forbidden decays

2005DRZY G.D.Dracoulis, G.J.Lane, F.G.Kondev, A.P.Byrne, T.Kibedi, H.Watanabe, I.Ahmad, M.P.Carpenter, S.J.Freeman, R.V.F.Janssens, N.J.Hammond, T.Lauritsen, C.J.Lister, G.Mukherjee, D.Seweryniak, P.Chowdhury, S.K.Tandel - ANU-P/1648 (2005)
Structure of two- four- and six-quasiparticle isomers in ^{174}Yb and K-forbidden decays

2005DU14 C.Duweke, R.Emmerich, A.Imig, J.Ley, G.Tenckhoff, H.Paetz gen.Schieck, J.Golak, H.Witala, E.Epelbaum, W.Glockle, A.Nogga - Phys.Rev. C 71, 054003 (2005)
The reaction ^{2}H(p, pp)n in three kinematical configurations at E_p= 16 MeV

2005DU15 C.L.Duncan, K.S.Krane - Phys.Rev. C 71, 054322 (2005)
Neutron capture cross section of ^{102}Pd

2005EG01 A.I.Egorov, R.I.Krutova, Yu.E.Loginov, S.Eh.Malyutenkova - Nucl.Instrum.Methods Phys.Res. A545, 296 (2005)
Measurement of thermal neutron radiative capture cross-sections of the ^{14}N and ^{19}F by in-beam γ-spectroscopy method with reactor neutrons

2005EL07 Z.Elekes, Zs.Dombradi, R.Kanungo, H.Baba, Zs.Fulop, J.Gibelin, A.Horvath, E.Ideguchi, Y.Ichikawa, N.Iwasa, H.Iwasaki, S.Kanno, S.Kawai, Y.Kondo, T.Motobayashi, M.Notani, T.Ohnishi, A.Ozawa, H.Sakurai, S.Shimoura, E.Takeshita, S.Takeuchi, I.Tanihata, Y.Togano, C.Wu, Y.Yamaguchi, Y.Yanagisawa, A.Yoshida, K.Yoshida - Phys.Lett. B 614, 174 (2005)
Low-lying excited states in ^{17,19}C

2005FA06 P.Fallon - Nucl.Phys. A752, 231c (2005)
From Superdeformations to Hyperdeformations

2005FL02 F.Fleurot, A.M.van den Berg, B.Davids, M.N.Harakeh, V.L.Kravchuk, H.W.Wilschut, J.Guillot, H.Laurent, A.Willis, M.Assuncao, J.Kiener, A.Lefebvre, N.de Sereville, V.Tatischeff - Phys.Lett. B 615, 167 (2005)
^{16}O Coulomb dissociation: towards a new means to determine the ^{12}C + α fusion rate in stars

2005FO03 C.Fox, C.Iliadis, A.E.Champagne, R.P.Fitzgerald, R.Longland, J.Newton, J.Pollanen, R.Runkle - Phys.Rev. C 71, 055801 (2005)
Thermonuclear reaction rate of ^{17}O(p, γ)^{18}F

2005FR14 M.Freer, I.Boztosun, C.A.Bremner, S.P.G.Chappell, R.L.Cowin, G.K.Dillon, B.R.Fulton, B.J.Greenhalgh, M.P.Nicoli, W.D.M.Rae, S.M.Singer, D.L.Watson, D.C.Weisser - Phys.Rev. C 71, 047305 (2005)
^{8}Be + ^{12}C(0_2^+) decay of excited states in ^{20}Ne

2005FR17 C.Fransen, V.Werner, D.Bandyopadhyay, N.Boukharouba, S.R.Lesher, M.T.McEllistrem, J.Jolie, N.Pietralla, P.von Brentano, S.W.Yates - Phys.Rev. C 71, 054304 (2005)
Investigation of low-spin states in ^{92}Zr with the (n, n'γ) reaction

2005FR19 J.Fridmann, I.Wiedenhover, A.Gade, L.T.Baby, D.Bazin, B.A.Brown, C.M.Campbell, J.M.Cook, P.D.Cottle, E.Diffenderfer, D.-C.Dinca, T.Glasmacher, P.G.Hansen, K.W.Kemper, J.L.Lecouey, W.F.Mueller, H.Olliver, E.Rodriguez-Vieitez, J.R.Terry, J.A.Tostevin, K.Yoneda - Nature(London) 435, 922 (2005)
'Magic' nucleus ^{42}Si

2005FRZZ S.J.Freeman, R.V.F.Janssens, B.A.Brown, I.V.Calderin, M.P.Carpenter, P.Chowdhury, A.N.Deacon, S.M.Fischer, N.J.Hammond, M.Honma, T.Lauritsen, C.J.Lister, T.L.Khoo, G.Mukherjee, D.Seweryniak, J.F.Smith, S.L.Tabor, B.J.Varley, M.Whitehead, S.Zhu - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.142 (2005); AIP Conf. Proc 764 (2005)
Structure Of The Neutron Rich Cr Isotopes: Inadequacy Of The fp Model Space And Onset Of Deformation

2005FU01 T.Fukuchi, Y.Gono, A.Odahara, S.Tanaka, M.Inoue, Y.Wakabayashi, T.Sasaki, M.Kibe, N.Hokoiwa, T.Shinozuka, M.Fujita, A.Yamazaki, T.Sonoda, C.S.Lee, Y.K.Kwon, J.Y.Moon, J.H.Lee - Eur.Phys.J. A 24, 249 (2005)
High-spin isomer in ^{93}Mo

2005GA14 G.Gangopadhyay, S.Bhowal, R.K.Bhowmik, U.Datta Pramanik, P.Ghosh, A.Goswami, C.Petrache, A.Mukherjee, S.Muralithar, R.Raut, M.S.Sarkar, A.K.Singh, R.P.Singh, S.Bhattacharya - Eur.Phys.J. A 24, 173 (2005)
Levels in doubly odd ^{138}Pr

2005GA15 A.Gade, D.Bazin, B.A.Brown, C.M.Campbell, J.A.Church, D.-C.Dinca, J.Enders, T.Glasmacher, P.G.Hansen, M.Honma, T.Mizusaki, W.F.Mueller, H.Olliver, T.Otsuka, L.A.Riley, J.R.Terry, J.A.Tostevin, K.L.Yurkewicz - Acta Phys.Pol. B36, 1227 (2005)
Nuclear spectroscopy with fast exotic beams

2005GA18 A.Gade, D.Bazin, C.A.Bertulani, B.A.Brown, C.M.Campbell, J.A.Church, D.C.Dinca, J.Enders, T.Glasmacher, P.G.Hansen, Z.Hu, K.W.Kemper, W.F.Mueller, H.Olliver, B.C.Perry, L.A.Riley, B.T.Roeder, B.M.Sherrill, J.R.Terry, J.A.Tostevin, K.L.Yurkewicz - Phys.Rev. C 71, 051301 (2005)
Knockout from ^{46}Ar:l=3 neutron removal and deviations from eikonal theory

2005GIZZ L.Giot, P.Roussel-Chomaz, C.E.Demonchy, W.Mittig, H.Savajols, N.Alamanos, F.Auger, A.Gillibert, C.Jouanne, V.Lapoux, L.Nalpas, E.C.Pollacco, J.L.Sida, F.Skaza, M.D.Cortina-Gil, J.Fernandez-Vazquez, R.S.Mackintosh, A.Pakou, S.Pita, A.Rodin, S.Stepantsov, G.M.Ter-Akopian, K.Rusek, I.J.Thompson, R.Wolski - nucl-ex/0505007,5/04/2005 (2005)
Investigation of the ^{6}He cluster structures

2005GO09 P.R.S.Gomes, M.D.Rodriguez, G.V.Marti, I.Padron, L.C.Chamon, J.O.Fernandez Niello, O.A.Capurro, A.J.Pacheco, J.E.Testoni, A.Arazi, M.Ramirez, R.M.Anjos, J.Lubian, R.Veiga, R.Liguori Neto, E.Crema, N.Added, C.Tenreiro, M.S.Hussein - Phys.Rev. C 71, 034608 (2005)
Effect of the breakup on the fusion and elastic scattering of weakly bound projectiles on ^{64}Zn

2005GO10 T.P.Gorringe, D.P.Corbin, T.J.Stocki - Phys.Rev. C 71, 035503 (2005)
Recoil alignment in muon capture on ^{14}N

2005GO11 A.Gorelov, D.Melconian, W.P.Alford, D.Ashery, G.Ball, J.A.Behr, P.G.Bricault, J.M.D'Auria, J.Deutsch, J.Dilling, M.Dombsky, P.Dube, J.Fingler, U.Giesen, F.Gluck, S.Gu, O.Hausser, K.P.Jackson, B.K.Jennings, M.R.Pearson, T.J.Stocki, T.B.Swanson, M.Trinczek - Phys.Rev.Lett. 94, 142501 (2005)
Scalar Interaction Limits from the β-ν Correlation of Trapped Radioactive Atoms

2005GO14 O.K.Gorpinich, O.M.Povoroznyk - Ukr.J.Phys. 50, 327 (2005)
Determination of the energy parameters of the unbound states of ^{6}Li up to an excitation energy of 6 MeV

2005GO15 A.Gorgen, E.Clement, E.Bouchez, A.Chatillon, W.Korten, Y.Le Coz, Ch.Theisen, C.Andreoiu, F.Becker, B.Blank, A.Burger, P.Butler, J.M.Casandjian, W.Catford, T.Czosnyka, P.Davies, S.P.Fox, G.de France, G.Georgiev, J.Gerl, H.Hubel, J.Iwanicki, D.G.Jenkins, F.Johnston-Theasby, P.Joshi, I.Matea, P.Napiorkowski, F.de Oliveira Santos, G.Sletten, C.Timis, R.Wadsworth, M.Zielinska - Acta Phys.Pol. B36, 1281 (2005)
Shape coexistence in light Krypton isotopes

2005GOZZ A.Gorgen, G.B.Hagemann, I.Hamamoto, R.Bengtsson, R.M.Clark, M.Cromaz, P.Fallon, H.Hubel, I.Y.Lee, A.O.Macchiavelli, G.Sletten, D.Ward - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.9 (2005); AIP Conf. Proc 764 (2005)
Quadrupole Moments And Gamma Deformation Of Wobbling Excitations In ^{163}Lu

2005GR07 G.F.Grinyer, C.E.Svensson, C.Andreoiu, A.N.Andreyev, R.A.E.Austin, G.C.Ball, R.S.Chakrawarthy, P.Finlay, P.E.Garrett, G.Hackman, J.C.Hardy, B.Hyland, V.E.Iacob, K.A.Koopmans, W.D.Kulp, J.R.Leslie, J.A.Macdonald, A.C.Morton, W.E.Ormand, C.J.Osborne, C.J.Pearson, A.A.Phillips, F.Sarazin, M.A.Schumaker, H.C.Scraggs, J.Schwarzenberg, M.B.Smith, J.J.Valiente-Dobon, J.C.Waddington, J.L.Wood, E.F.Zganjar - Phys.Rev. C 71, 044309 (2005)
High precision measurements of ^{26}Na β^- decay

2005GR09 F.Gramegna, S.Barlini, V.L.Kravchuk, A.L.Lanchais, O.Wieland, A.Bracco, A.Moroni, G.Casini, G.Benzoni, N.Blasi, S.Brambilla, M.Brekiesz, M.Bruno, F.Camera, M.Chiari, F.Crespi, E.Geraci, B.Guiot, M.Kmiecik, S.Leoni, A.Maj, P.F.Mastinu, B.Million, A.Nannini, A.Ordine, G.Vannini - Acta Phys.Pol. B36, 1155 (2005)
Light charged particle emission and the giant dipole resonance in Ce nucleus

2005GR10 E.Grodner, I.Zalewska, T.Morek, J.Srebrny, Ch.Droste, M.Kowalczyk, J.Mierzejewski, M.Salata, A.A.Pasternak, J.Kownacki, M.Kisielinski, A.Kordyasz, P.Napiorkowski, M.Wolinska, S.G.Rohozinski, R.Kaczarowski, W.Plociennik, E.Ruchowska, A.Wasilewski, J.Perkowski - Int.J.Mod.Phys. E14, 347 (2005)
Lifetime measurements in ^{128}Cs and ^{132}La as a test of chirality

2005GU07 Yu.B.Gurov, D.V.Aleshkin, M.N.Behr, S.V.Lapushkin, P.V.Morokhov, V.A.Pechkurov, N.O.Poroshin, V.G.Sandukovsky, M.V.Telkushev, B.A.Chernyshev, T.D.Tschurenkova - Yad.Fiz. 68, 520 (2005); Phys.Atomic Nuclei 68, 491 (2005)
Spectroscopy of Superheavy Hydrogen Isotopes in Stopped-Pion Absorption by Nuclei

2005GU16 M.Guttormsen, R.Chankova, U.Agvaanluvsan, E.Algin, L.A.Bernstein, F.Ingebretsen, T.Lonnroth, S.Messelt, G.E.Mitchell, J.Rekstad, A.Schiller, S.Siem, A.C.Sunde, A.Voinov, S.Odegard - Phys.Rev. C 71, 044307 (2005)
Radiative strength functions in $^{93-98}$Mo

2005GU17 Yu.B.Gurov, M.N.Behr, D.V.Aleshkin, B.A.Chernyshev, S.V.Lapushkin, P.V.Morokhov, V.A.Pechkurov, N.O.Poroshin, V.G.Sandukovsky, M.V.Telkushev - Eur.Phys.J. A 24, 231 (2005)
Spectroscopy of superheavy hydrogen isotopes ^{4}H and ^{5}H

2005GU18 W.Guryn, for the pp2pp Collaboration - Nucl.Phys. B(Proc.Supp.) S146, 82 (2005)
The First Measurement of A_N at $\sqrt{s}$ = 200 GeV in proton-proton elastic scattering at RHIC

2005GY02 Gy.Gyurky, Z.Elekes, Zs.Fulop, G.Kiss, E.Somorjai, A.Palumbo, M.Wiescher - Phys.Rev. C 71, 057302 (2005)
Precise half-life measurement of ^{110}Sn and ^{109}In isotopes

2005HA16 J.W.Hammer, M.Fey, R.Kunz, J.Kiener, V.Tatischeff, F.Haas, J.L.Weil, M.Assuncao, C.Beck, C.Boukari-Pelissie, A.Coc, J.J.Correia, S.Courtin, F.Fleurot, E.Galanopoulos, C.Grama, F.Hammache, S.Harissopulos, A.Korichi, E.Krmpotic, D.Le Du, A.Lopez-Martens, D.Malcherek, R.Meunier, P.Papka, T.Paradellis, M.Rousseau, N.Rowley, G.Staudt, S.Szilner - Nucl.Phys. A752, 514c (2005)
New determination of the ^{12}C(α, γ)^{16}O reaction rate from γ-ray angular distribution measurements

2005HA25 G.Hammond, M.A.Bentley, F.Becker, J.Grebosz, M.J.Taylor, A.Banu, C.J.Barton, T.Beck, P.Bednarczyk, A.Bracco, A.M.Bruce, L.C.Bullock, A.Burger, F.Camera, C.Chandler, P.Doornenbal, J.Gerl, H.Geissel, M.Gorska, M.Hellstrom, D.Judson, I.Kojouharov, N.Kurz, R.Lozeva, A.Maj, S.Mandal, B.McGuirk, S.Muralithar, E.S.Paul, Zs.Podolyak, W.Prokopowicz, D.Rudolph, N.Saito, T.R.Saito, H.Schaffner, J.Simpson, D.D.Warner, H.Weick, C.Wheldon, M.Winkler, H.-J.Wollersheim - Acta Phys.Pol. B36, 1253 (2005)
Spectroscopy of T=3 / 2 mirror nuclei via two-step fragmentation using RISING

2005HAZU M.Hatano, H.Sakai, T.Wakui, T.Uesaka, N.Aoi, Y.Ichikawa, T.Ikeda, K.Itoh, H.Iwasaki, T.Kawabata, H.Kuboki, Y.Maeda, N.Matsui, T.Ohnishi, T.K.Onishi, T.Saito, N.Sakamoto, M.Sasano, Y.Satou, K.Sekiguchi, K.Suda, A.Tamii, Y.Yanagisawa, K.Yako - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.360 (2005); AIP Conf. Proc 764 (2005)
^{6}He Scattering With Polarized Proton Target

2005HAZW C.R.Hansen, G.B.Hagemann, B.Herskind, D.R.Jensen, G.Sletten, J.N.Wilson, S.Odegard, P.Bringel, C.Engelhardt, H.Hubel, A.Neusser, A.K.Singh, G.Benzoni, A.Bracco, F.Camera, S.Leoni, A.Maj, T.Byrski, D.Curien, P.Bednarczyk, A.Korichi, J.Roccaz, J.C.Lisle, T.Steinhardt, O.Thelen, M.P.Carpenter, R.V.F.Janssens, T.L.Khoo, T.Lauritsen, R.M.Clark, P.Fallon - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.46 (2005); AIP Conf. Proc 764 (2005)
Search For Hyperdeformation In Xe Nuclei

2005HAZX D.J.Hartley, M.K.Djongolov, L.L.Riedinger, G.B.Hagemann, R.V.F.Janssens, F.G.Kondev, E.F.Moore, M.A.Riley, A.A.Aguilar, C.R.Bingham, D.B.Campbell, M.P.Carpenter, P.Chowdhury, M.Cromaz, D.M.Cullen, M.Danchev, G.D.Dracoulis, P.Fallon, J.Goon, R.A.Kaye, T.L.Khoo, R.W.Laird, T.Lauritsen, A.O.Macchiavelli, B.McClain, G.Mukherjee, E.Ngijoi-Yogo, H.I.Park, G.Sletten, S.K.Tandel, P.M.Walker, J.-y.Zhang - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.15 (2005); AIP Conf. Proc 764 (2005)
Search For Wobbling Excitations In Hf Nuclei: Are The SD Bands Triaxial?

2005HE13 A.Hermanne, F.Tarkanyi, S.Takacs, Z.Szucs, Yu.N.Shubin, A.I.Dityuk - Appl.Radiat.Isot. 63, 1 (2005)
Experimental study of the cross-sections of α-particle induced reactions on ^{209}Bi

2005HI04 S.F.Hicks, G.K.Alexander, C.A.Aubin, M.C.Burns, C.J.Collard, M.M.Walbran, J.R.Vanhoy, E.Jensen, P.E.Garrett, M.Kadi, A.Martin, N.Warr, S.W.Yates - Phys.Rev. C 71, 034307 (2005)
Intruder structures observed in ^{122}Te through inelastic neutron scattering

2005HI08 K.Hilgers, S.Sudar, S.M.Qaim - Appl.Radiat.Isot. 63, 93 (2005)
Experimental study and nuclear model calculations on the ^{192}Os(p, n)^{192}Ir reaction: Comparison of reactor and cyclotron production of the therapeutic radionuclide ^{192}Ir

2005HO10 F.Hofmann, C.Baumer, A.M.van den Berg, D.Frekers, V.M.Hannen, M.N.Harakeh, M.A.de Huu, Y.Kalmykov, P.von Neumann-Cosel, V.Yu.Ponomarev, S.Rakers, B.Reitz, A.Richter, A.Shevchenko, K.Schweda, J.Wambach, H.J.Wortche - Phys.Lett. B 612, 165 (2005)
Polarized proton scattering on ^{58}Ni at small momentum transfer: A test of the microscopic optical model and effective interactions

2005HO15 J.Honzatko, V.Bondarenko, I.Tomandl, T.von Egidy, H.-F.Wirth, D.Bucurescu, V.Yu.Ponomarev, N.Marginean, R.Hertenberger, Y.Eisermann, G.Graw, L.Rubacek - Nucl.Phys. A756, 249 (2005)
Nuclear structure of ^{127}Te studied with (n, γ) and (d(pol), p) reactions and interpreted with IBFM and QPM

2005HU08 R.O.Hughes, N.V.Zamfir, D.C.Radford, C.J.Gross, C.J.Barton, C.Baktash, M.A.Caprio, R.F.Casten, A.Galindo-Uribarri, P.A.Hausladen, E.A.McCutchan, J.J.Ressler, D.Shapira, D.W.Stracener, C.-H.Yu - Phys.Rev. C 71, 044311 (2005)
γ-ray spectroscopy of ^{132}Te through β decay of a ^{132}Sb radioactive beam

2005HU10 M.Hunyadi, A.M.van den Berg, M.Csatlos, L.Csige, B.Davids, U.Garg, J.Gulyas, M.N.Harakeh, M.A.de Huu, A.Krasznahorkay, D.Sohler, H.J.Wortche - Acta Phys.Pol. B36, 1115 (2005)
Overtones of isoscalar giant resonances studied in direct particle decay measurements

2005IDZZ E.Ideguchi, M.Niikura, C.Ishida, T.Fukuchi, H.Baba, N.Hokoiwa, H.Iwasaki, T.Koike, T.Komatsubara, T.Kubo, M.Kurokawa, S.Michimasa, K.Miyakawa, K.Morimoto, T.Ohnishi, S.Ota, A.Ozawa, S.Shimoura, T.Suda, M.Tamaki, I.Tanihata, Y.Wakabayashi, K.Yoshida, B.Cederwall - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.136 (2005); AIP Conf. Proc 764 (2005)
Study Of High-Spin States In ^{48}Ca Region Induced By Secondary Fusion Reactions

2005IW01 A.Iwahara, M.A.L.da Silva, A.E.Carvalho Filho, E.M.de Oliveira Bernardes, J.U.Delgado - Appl.Radiat.Isot. 63, 107 (2005)
Determination of disintegration rates and γ-ray emission probabilities of ^{65}Zn and ^{241}Am

2005JA10 Z.Janas, L.Batist, R.Borcea, J.Doring, M.Gierlik, M.Karny, R.Kirchner, M.La Commara, S.Mandal, C.Mazzocchi, F.Moroz, S.Orlov, A.Plochocki, E.Roeckl, J.Zylicz - Eur.Phys.J. A 24, 205 (2005)
Lifetimes of proton unstable states in ^{113}I measured by the particle-X-ray coincidence technique

2005JA12 M.Jandel, J.Kliman, L.Krupa, M.Morhac, J.H.Hamilton, J.Kormicki, A.V.Ramayya, J.K.Hwang, Y.X.Luo, D.Fong, P.Gore, G.M.Ter-Akopian, Yu.Ts.Oganessian, A.M.Rodin, A.S.Fomichev, G.S.Popeko, A.V.Daniel, J.O.Rasmussen, A.O.Macchiavelli, M.A.Stoyer, R.Donangelo, J.D.Cole - Eur.Phys.J. A 24, 373 (2005)
Angular momenta of fission fragments in the α-accompanied fission of ^{252}Cf

2005JAZZ H.C.Jain, S.Lakshmi, P.K.Joshi - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.99 (2005); AIP Conf. Proc 764 (2005)
Identification Of Chiral Bands In ^{135}Ce

2005JE03 D.G.Jenkins, B.R.Fulton, J.Pearson, C.J.Lister, M.P.Carpenter, S.J.Freeman, N.J.Hammond, R.V.F.Janssens, T.L.Khoo, T.Lauritsen, A.H.Wuosmaa, P.Fallon, A.Gorgen, A.O.Macchiavelli, M.McMahan, M.Freer, F.Haas - Phys.Rev. C 71, 041301 (2005)
Doorway states as a principal decay pathway in ^{12}C(^{12}C, γ) radiative capture

2005JE04 P.Jesinger, Yu.N.Kopatch, M.Mutterer, F.Gonnenwein, A.M.Gagarski, J.V.Kalben, V.Nesvizhevsky, G.A.Petrov, W.H.Trzaska, H.-J.Wollersheim - Eur.Phys.J. A 24, 379 (2005)
New experimental studies on the quaternary fission of ^{233,235}U(n$_{th}$, f) and ^{252}Cf(sf)

2005JEZZ D.G.Jenkins, B.R.Fulton, J.Pearson, C.J.Lister, M.P.Carpenter, S.J.Freeman, N.J.Hammond, R.V.F.Janssens, T.L.Khoo, T.Lauritsen, A.H.Wuosmaa, P.Fallon, A.Gorgen, A.O.Macchiavelli, M.McMahan, F.Haas, and the DRAGON E947 Collaboration - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.367 (2005); AIP Conf. Proc 764 (2005)
Doorway States As Principal Decay Pathway In ^{12}C(^{12}C, γ) Radiative Capture

2005JO10 M.S.Johnson, J.A.Cizewski, K.Y.Ding, N.Fotiades, M.B.Smith, J.S.Thomas, W.Younes, J.A.Becker, L.A.Bernstein, K.Hauschild, D.P.McNabb, M.A.Deleplanque, R.M.Diamond, P.Fallon, I.Y.Lee, A.O.Macchiavelli, F.S.Stephens - Phys.Rev. C 71, 044310 (2005)
Quasicontinuous decay and properties of superdeformed excitations in ^{195}Pb

2005JO11 G.A.Jones, Zs.Podolyak, N.Schunck, P.M.Walker, G.De Angelis, Y.H.Zhang, M.Axiotis, D.Bazzacco, P.G.Bizzeti, F.Brandolini, R.Broda, D.Bucurescu, E.Farnea, W.Gelletly, A.Gadea, M.Ionescu-Bujor, A.Iordachescu, Th.Kroll, S.D.Langdown, S.Lunardi, N.Marginean, T.Martinez, N.H.Medina, B.Quintana, P.H.Regan, B.Rubio, C.A.Ur, J.J.Valiente-Dobon, S.J.Williams - Acta Phys.Pol. B36, 1323 (2005)
Oblate collectivity in the yrast structure of ^{194}Pt

2005JOZY G.D.Jones, N.J.Hammond, C.J.Lister, K.Teh, E.F.Moore - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.348 (2005); AIP Conf. Proc 764 (2005)
Linear Polarization Measurements Of Gamma Rays Following Alpha Decay

2005JOZZ K.L.Jones, C.Baktash, D.W.Bardayan, J.C.Blackmon, W.N.Catford, J.A.Cizewski, R.P.Fitzgerald, U.Greife, C.J.Gross, M.S.Johnson, R.L.Kozub, J.F.Liang, R.J.Livesay, Z.Ma, B.H.Moazen, C.D.Nesaraja, D.Shapira, M.S.Smith, J.S.Thomas, D.Visser - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak And T.L.Khoo, eds., p.176 (2005); AIP Conf. Proc 764 (2005)
Studies Of Neutron-Rich Nuclei With (d, p) Reactions In Inverse Kinematics At The HRIBF

2005KHZZ D.T.Khoa, H.G.Bohlen, W.von Oertzen, G.Bartnitzky, A.Blazevic, F.Nuoffer, B.Gebauer, W.Mittig, P.Roussel-Chomaz - nucl-ex/0504020,4/22/2005 (2005)
Study of refractive structure in the inelastic ^{16}O + ^{16}O scattering at the incident energies of 250 to 1120 MeV

2005KI09 J.-H.Kim, C.S.Lee, Y.K.Kwon, J.H.Lee - J.Korean Phys.Soc. 46, 1318 (2005)
Measurement of Deuterons Scattered from the ^{12}C(p, d)^{11}C Reaction by Using a Double-sided Silicon Strip Detector

2005KM01 M.Kmiecik, A.Maj, J.Styczen, P.Bednarczyk, M.Brekiesz, J.Grebosz, M.Lach, W.Meczynski, M.Zieblinski, K.Zuber, A.Bracco, F.Camera, G.Benzoni, B.Million, S.Leoni, O.Wieland, B.Herskind, D.Curien, N.Dubray, J.Dudek, N.Schunck, K.Mazurek - Acta Phys.Pol. B36, 1169 (2005)
GDR feeding of the highly-deformed band in ^{42}Ca

2005KO09 R.L.Kozub, D.W.Bardayan, J.C.Batchelder, J.C.Blackmon, C.R.Brune, A.E.Champagne, J.A.Cizewski, T.Davinson, U.Greife, C.J.Gross, C.C.Jewett, R.J.Livesay, Z.Ma, B.H.Moazen, C.D.Nesaraja, L.Sahin, J.P.Scott, D.Shapira, M.S.Smith, J.S.Thomas, P.J.Woods - Phys.Rev. C 71, 032801 (2005)
New constraints on the ^{18}F(p, α)^{15}O rate in novae from the (d, p) reaction

2005KO11 W.Korten, E.Clement, E.Bouchez, A.Chatillon, A.Gorgen, Y.Le Coz, Ch.Theisen, J.M.Casandjian, G.de France, G.Sletten, T.Czosnyka, J.Iwanicki, M.Zielinska, F.Becker, J.Gerl, W.Catford, C.Timis, P.Butler, C.Andreoiu - Nucl.Phys. A752, 255c (2005)
Investigation of heavy N $\sim$ Z nuclei using energetic radioactive ion beams

2005KO13 Y.Kondo, T.Nakamura, N.Aoi, H.Baba, D.Bazin, N.Fukuda, T.Gomi, H.Hasegawa, N.Imai, M.Ishihara, T.Kobayashi, T.Kubo, M.Miura, T.Motobayashi, A.Saito, H.Sakurai, S.Shimoura, T.Sugimoto, K.Watanabe, Y.X.Watanabe, T.Yakushiji, Y.Yanagisawa, K.Yoneda - Phys.Rev. C 71, 044611 (2005)
In-beam γ-ray spectroscopy of neutron-rich boron isotopes ^{15,17}B via inelastic scattering on ^{12}C

2005KR03 Ch.Kraus, B.Bornschein, L.Bornschein, J.Bonn, B.Flatt, A.Kovalik, B.Ostrick, E.W.Otten, J.P.Schall, Th.Thummler, Ch.Weinheimer - Eur.Phys.J. C 40, 447 (2005)

Final results from phase II of the Mainz neutrino mass search in tritium β decay

2005KU17 W.D.Kulp, J.L.Wood, P.E.Garrett, J.M.Allmond, D.Cline, A.B.Hayes, H.Hua, K.S.Krane, R.-M.Larimer, J.Loats, E.B.Norman, P.Schmelzenbach, C.J.Stapels, R.Teng, C.Y.Wu - Phys.Rev. C 71, 041303 (2005)
Identification of a pairing isomeric band in ^{152}Sm

2005KUZZ P.Kuusiniemi - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.231 (2005); AIP Conf. Proc 764 (2005)
Nuclear Structure Investigations Of Heavy Nuclei And The Decay Of SHE

2005LA07 S.Lalkovski, G.Rainovski, K.Starosta, M.P.Carpenter, D.B.Fossan, S.Finnigan, S.Ilieva, P.Joshi, T.Koike, E.S.Paul, N.Pietralla, C.Vaman, R.Wadsworth - Phys.Rev. C 71, 034318 (2005)
Quasi-γ band and odd-even staggering effect in ^{102}Ru

2005LA13 A.Laptev, H.Harada, S.Nakamura, J.Hori, M.Igashira, T.Ohsaki, K.Ohgama - Nucl.Instrum.Methods Phys.Res. A543, 502 (2005)
Baseline distortion effect on gamma-ray pulse-height spectra in neutron capture experiments

2005LAZZ T.Lauritsen, R.V.Janssens, T.L.Khoo, I.Ahmad, M.P.Carpenter, A.M.Heinz, D.G.Jenkins, F.G.Kondev, C.J.Lister, E.F.Moore, D.Seweryniak, S.Zhu, T.Dossing, B.Herskind, R.M.Clark, M.Cromaz, P.Fallon, G.Lane, A.O.Macchiavelli, D.Ward, A.Korichi, A.Lopez-Martens A.J.Larabee - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.34 (2005); AIP Conf. Proc 764 (2005)
Rotational Damping, Ridges And The Quasi-Continuum Of γ Rays In ^{152}Dy

2005LE12 J.Leske, K.-H.Speidel, S.Schielke, O.Kenn, D.Hohn, J.Gerber, P.Maier-Komor - Phys.Rev. C 71, 034303 (2005)
Experimental g factors and B(E2) values of 2_1^+, 4, $^+_1 2_2^+$, and 3_1^- states in ^{64}Zn and ^{68}Zn compared to shell model predictions

2005LE19 J.Leske, K.-H.Speidel, S.Schielke, O.Kenn, J.Gerber, P.Maier-Komor, S.J.Q.Robinson, A.Escuderos, Y.Y.Sharon, L.Zamick - Phys.Rev. C 71, 044316 (2005)
Nuclear structure of the first 2^+ state in radioactive ^{68}Ge based on g factor and lifetime measurements

2005LE21 S.Leoni, G.Benzoni, A.Bracco, N.Blasi, F.Camera, C.Grassi, B.Million, A.Paleni, M.Pignanelli, E.Vigezzi, O.Wieland, M.Matsuo, T.Dossing, B.Herskind, G.B.Hagemann, J.Wilson, A.Maj, M.Kmiecik, G.Lo Bianco, C.M.Petrache, M.Castoldi, A.Zucchiati, G.De Angelis, D.Napoli, P.Bednarczyk, D.Curien - Acta Phys.Pol. B36, 1121 (2005)
Warm rotating nuclei: damping mechanism and the order-to-chaos transition

2005LEZX J.Leske, K.-H.Speidel, S.Schielke, J.Gerber, P.Maier-Komor, T.Engeland, M.Hjorth-Jensen - nucl-ex/0506006,6/05/2005 (2005)
Dominant $(g_{9/2})^2$ neutron configuration in the 4_1^+ state of ^{68}Zn based on new g factor measurements

2005LEZZ S.Leoni, M.Matsuo, A.Bracco, G.Benzoni, N.Blasi, F.Camera, C.Grassi, B.Million, A.Paleni, M.Pignanelli, E.Vigezzi, O.Wieland, T.Dossing, B.Herskind, G.B.Hagemann, J.Wilson, A.Maj, M.Kmiecik, G.LoBianco, C.M.Petrache, M.Castoldi, A.Zucchiati, G.De Angelis, D.Napoli, P.Bednarczyk, D.Curien - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.309 (2005); AIP Conf. Proc 764 (2005)
Compound And Rotational Damping In Warm Nuclei

2005LI13 D.Li, K.Imasaki, S.Miyamoto, S.Amano, T.Mochizuki - J.Nucl.Sci.Technol.(Tokyo) 42, 259 (2005)
Experiment on Photonuclear Reaction Induced by Laser Compton Scattering Gamma-Ray

2005LI14 T.C.Li, N.Pietralla, C.Fransen, H.von Garrel, U.Kneissl, C.Kohstall, A.Linnemann, H.H.Pitz, G.Rainovski, A.Richter, M.Scheck, F.Stedile, P.von Brentano, P.von Neumann-Cosel, V.Werner - Phys.Rev. C 71, 044318 (2005)
One-phonon $2^+_{1,ms}$ mixed-symmetry state of ^{148}Sm observed in nuclear resonance fluorescence

2005LI17 Z.Liu, J.Kurcewicz, P.J.Woods, C.Mazzocchi, F.Attallah, E.Badura, C.N.Davids, T.Davinson, J.Doring, H.Geissel, M.Gorska, R.Grzywacz, M.Hellstrom, Z.Janas, M.Karny, A.Korgul, I.Mukha, M.Pfutzner, C.Plettner, A.Robinson, E.Roeckl, K.Rykaczewski, K.Schmidt, D.Seweryniak, H.Weick - Nucl.Instrum.Methods Phys.Res. A543, 591 (2005)
Decay spectroscopy of suburanium isotopes following projectile fragmentation of ^{238}U at 1 GeV / u

2005LI19 Z.H.Li, W.P.Liu, X.X.Bai, B.Guo, G.Lian, S.Q.Yan, B.X.Wang, S.Zeng, Y.Lu, J.Su, Y.S.Chen, K.S.Wu, N.C.Shu, T.Kajino - Phys.Rev. C 71, 052801 (2005)
The ^{8}Li(d, p)^{9}Li reaction and the astrophysical ^{8}Li(n, γ)^{9}Li reaction rate

2005LU06 Y.-W.Lui, D.H.Youngblood, H.L.Clark, Y.Tokimoto, B.John - Acta Phys.Pol. B36, 1107 (2005)
Giant monopole resonance in Cd and Sn isotopes

2005LU07 S.Lunardi - Acta Phys.Pol. B36, 1301 (2005)
Investigation of neutron-rich nuclei with the clover array and the PRISMA magnetic spectrometer

2005MA25 F.E.Maas, K.Aulenbacher, S.Baunack, L.Capozza, J.Diefenbach, B.Glaser, T.Hammel, D.von Harrach, Y.Imai, E.-M.Kabuss, R.Kothe, J.H.Lee, A.Lorente, E.Schilling, D.Schwaab, M.Sikora, G.Stephan, G.Weber, C.Weinrich, I.Altarev, J.Arvieux, M.El-Yakoubi, R.Frascaria, R.Kunne, M.Morlet, S.Ong, J.van de Wiele, S.Kowalski, B.Plaster, R.Suleiman, S.Taylor - Phys.Rev.Lett. 94, 152001 (2005)
Evidence for Strange-Quark Contributions to the Nucleon's Form Factors at Q^2=0.108 (GeV / c)^2

2005MAZX C.Mazzocchi, R.Grzywacz, J.C.Batchelder, C.R.Bingham, D.Fong, J.H.Hamilton, J.K.Hwang, M.Karny, W.Krolas, S.N.Liddick, P.F.Mantica, A.C.Morton, W.F.Mueller, K.P.Rykaczewski, M.Steiner, A.Stolz, J.A.Winger - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak And T.L.Khoo, eds., p.164 (2005); AIP Conf. Proc 764 (2005)
Isomer And Beta-Decay Studies Of Nuclei Near ^{78}Ni

2005ME05 S.Yu.Mezhevych, A.T.Rudchik, K.Rusek, A.Budzanowski, B.Czech, J.Choinski, L.Glowacka, S.Kliczewski, E.I.Koshchy, V.M.Kyryanchuk, A.V.Mokhnach, A.A.Rudchik, S.B.Sakuta, R.Siudak, I.Skwirczynska, A.Szczurek - Nucl.Phys. A753, 13 (2005)
Excitation of ^{14}C by 45 MeV ^{11}B ions

2005ME09 A.A.Mehmandoost-Khajeh-Dad, H.R.Amir-Ahmadi, J.C.S.Bacelar, A.M.van den Berg, R.Castelijns, A.Deltuva, E.D.van Garderen, W.Glockle, J.Golak, N.Kalantar-Nayestanaki, H.Kamada, M.Kis, R.Koohi-Fayegh-Dehkordi, H.Lohner, M.Mahjour-Shafiei, H.Mardanpour, J.G.Messchendorp, A.Nogga, P.Sauer, S.V.Shende, R.Skibinski, H.Witala, H.J.Wortche - Phys.Lett. B 617, 18 (2005)
Spin observables in deuteron-proton radiative capture at intermediate energies

2005MI13 M.Milin, M.Zadro, S.Cherubini, T.Davinson, A.Di Pietro, P.Figuera, D.Miljanic, A.Musumarra, A.Ninane, A.N.Ostrowski, M.G.Pellegriti, A.C.Shotter, N.Soic, C.Spitaleri - Nucl.Phys. A753, 263 (2005)
Sequential decay reactions induced by a 18 MeV ^{6}He beam on ^{6}Li and ^{7}Li

2005MUZZ G.Mukherjee, T.L.Khoo, R.Blinstrup, D.Seweryniak, I.Ahmad, P.A.Butler, M.P.Carpenter, P.Chowdhury, J.A.Cizewski, C.N.Davids, S.J.Freeman, J.P.Greene, N.J.Hammond, A.Heinz, R.D.Herzberg, P.J.C.Ikin, R.V.F.Janssens, M.S.Johnson, G.D.Jones, F.G.Kondev, T.Lauritsen, C.J.Lister, E.F.Moore, E.Ngijoi-Yogo, P.Reiter, S.Sinha - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.243 (2005); AIP Conf. Proc 764 (2005)
Electrons From A 0.3s Isomer In ^{254}No

2005NA14 B.Naranjo, J.K.Gimzewski, S.Putterman - Nature(London) 434, 1115 (2005)
Observation of nuclear fusion driven by a pyroelectric crystal

2005NA15 Y.Nagai, M.Igashira, T.Takaoka, T.Kikuchi, T.Shima, A.Tomyo, A.Mengoni, T.Otsuka - Phys.Rev. C 71, 055803 (2005)
^{7}Li(n, γ)^{8}Li reaction and the S_{17} factor at $E_{c.m.} > 500$ keV

2005NE05 A.Negret, T.Adachi, G.P.A.Berg, P.von Brentano, H.Fraiquin, D.De Frenne, H.Fujita, K.Fujita, Y.Fujita, K.Hatanaka, E.Jacobs, K.Nakanishi, L.Popescu, Y.Sakemi, Y.Shimbara, Y.Shimizu, Y.Tameshige, A.Tamii, M.Uchida, M.Yosoi - Phys.Rev. C 71, 047303 (2005)
Level widths of ^{14}O states studied in the high-resolution ^{14}N(^{3}He, t)^{14}O reaction

2005NI09 O.Niedermaier, H.Scheit, V.Bildstein, H.Boie, J.Fitting, R.von Hahn, F.Kock, M.Lauer, U.K.Pal, H.Podlech, R.Repnow, D.Schwalm, C.Alvarez, F.Ames, G.Bollen, S.Emhofer, D.Habs, O.Kester, R.Lutter, K.Rudolph, M.Pasini, P.G.Thirolf, B.H.Wolf, J.Eberth, G.Gersch, H.Hess, P.Reiter, O.Thelen, N.Warr, D.Weisshaar, F.Aksouh, P.Van den Bergh, P.Van Duppen, M.Huyse, O.Ivanov, P.Mayet, J.Van de Walle, J.Aysto, P.A.Butler, J.Cederkall, P.Delahaye, H.O.U.Fynbo, L.M.Fraile, O.Forstner, S.Franchoo, U.Koster, T.Nilsson, M.Oinonen, T.Sieber, F.Wenander, M.Pantea, A.Richter, G.Schrieder, H.Simon, T.Behrens, R.Gernhauser, T.Kroll, R.Krucken, M.Munch, T.Davinson, J.Gerl, G.Huber, A.Hurst, J.Iwanicki, B.Jonson, P.Lieb, L.Liljeby, A.Schempp, A.Scherillo, P.Schmidt, G.Walter - Nucl.Phys. A752, 273c (2005)
The neutron-rich Mg isotopes: first results from MINIBALL at REX-ISOLDE

2005NI11 O.Niedermaier, H.Scheit, V.Bildstein, H.Boie, J.Fitting, R.von Hahn, F.Kock, M.Lauer, U.K.Pal, H.Podlech, R.Repnow, D.Schwalm, C.Alvarez, F.Ames, G.Bollen, S.Emhofer, D.Habs, O.Kester, R.Lutter, K.Rudolph, M.Pasini, P.G.Thirolf, B.H.Wolf, J.Eberth, G.Gersch, H.Hess, P.Reiter, O.Thelen, N.Warr, D.Weisshaar, F.Aksouh, P.Van den Bergh, P.Van Duppen, M.Huyse, O.Ivanov, P.Mayet, J.Van de Walle, J.Aysto, P.A.Butler, J.Cederkall, P.Delahaye, H.O.U.Fynbo, L.M.Fraile, O.Forstner, S.Franchoo, U.Koster, T.Nilsson, M.Oinonen, T.Sieber, F.Wenander, M.Pantea, A.Richter, G.Schrieder, H.Simon, T.Behrens, R.Gernhauser, T.Kroll, R.Krucken, M.Munch, T.Davinson, J.Gerl, G.Huber, A.Hurst, J.Iwanicki, B.Jonson, P.Lieb, L.Liljeby, A.Schempp, A.Scherillo, P.Schmidt, G.Walter - Phys.Rev.Lett. 94, 172501 (2005)
"Safe" Coulomb Excitation of ^{30}Mg

2005NI12 N.Nica, J.C.Hardy, V.E.Iacob, J.R.Montague, M.B.Trzhaskovskaya - Phys.Rev. C 71, 054320 (2005)
Precise measurement of K-shell fluorescence yield in iridium: An improved test of internal-conversion theory

2005NI13 J.S.Nico, M.S.Dewey, D.M.Gilliam, F.E.Wietfeldt, X.Fei, W.M.Snow, G.L.Greene, J.Pauwels, R.Eykens, A.Lamberty, J.Van Gestel, R.D.Scott - Phys.Rev. C 71, 055502 (2005)
Measurement of the neutron lifetime by counting trapped protons in a cold neutron beam

2005NIZX B.Nilsson, J.-O.Adler, B.-E.Andersson, J.R.M.Annand, I.Akkurt, M.J.Boland, G.I.Crawford, K.G.Fissum, K.Hansen, P.D.Harty, D.G.Ireland, L.Isaksson, M.Karlsson, M.Lundin, J.C.McGeorge, G.J.Miller, H.Ruijter, A.Sandell, B.Schroder, D.A.Sims, D.Watts - nucl-ex/0506001,6/01/2005 (2005)
Near-threshold measurement of the ^{4}He(γ, n) reaction

2005NY02 B.M.Nyako, F.Papp, J.Gal, J.Molnar, J.Timar, A.Algora, Zs.Dombradi, G.Kalinka, L.Zolnai, K.Juhasz, A.K.Singh, H.Hubel, A.Al-Khatib, P.Bringel, A.Burger, A.Neusser, G.Schonwasser, B.Herskind, G.B.Hagemann, C.R.Hansen, G.Sletten, J.N.Scheurer, F.Hannachi, M.Kmiecik, A.Maj, J.Styczen, K.Zuber, K.Hauschild, A.Korichi, A.Lopez-Martens, J.Roccaz, S.Siem, P.Bednarczyk, Th.Byrski, D.Curien, O.Dorvaux, G.Duchene, B.Gall, F.Khalfallah, I.Piqueras, J.Robin, S.B.Patel, A.O.Evans, G.Rainovski, A.Airoldi, G.Benzoni, A.Bracco, F.Camera, B.Million, P.Mason, A.Paleni, R.Sacchi, O.Wieland, G.La Rana, R.Moro, C.M.Petrache, D.Petrache, G.De Angelis, P.Fallon, I.-Y.Lee, J.C.Lisle, B.Cederwall, K.Lagergren, R.M.Lieder, E.Podsvirova, W.Gast, H.Jager, N.Redon, A.Gorgen - Acta Phys.Pol. B36, 1033 (2005)
Search for hyperdeformation in light Xe nuclei

2005OH04 K.Ohgama, M.Igashira, T.Ohsaki - J.Nucl.Sci.Technol.(Tokyo) 42, 333 (2005)
Measurement of keV-Neutron Capture Cross Sections and Capture Gamma-Ray Spectra of ^{91,92}Zr

2005OK02 S.Okada, S.Ajimura, K.Aoki, A.Banu, H.C.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.H.Kim, J.H.Kim, M.J.Kim, T.Maruta, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, Y.Okayasu, H.Outa, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, K.Tsukada, T.Watanabe, H.J.Yim - Nucl.Phys. A752, 196c (2005)
Nucleon-nucleon coincidence measurement in the non-mesonic weak decay of ${}^{5}_{L}$He and ${}^{12}_{\Lambda}$C hypernuclei

2005OL02 J.Ollier, R.Chapman, X.Liang, M.Labiche, K.-M.Spohr, M.Davison, G.de Angelis, M.Axiotis, T.Kroll, D.R.Napoli, T.Martinez, D.Bazzacco, E.Farnea, S.Lunardi, A.G.Smith, F.Haas - Phys.Rev. C 71, 034316 (2005)
Intruder configurations in neutron-rich ^{34}P

2005OS02 W.H.Oskay, W.M.Itano, J.C.Bergquist - Phys.Rev.Lett. 94, 163001 (2005)
Measurement of the $^{199}Hg^{+}$ $5d^{9}6s^{2}{}^{2}D_{5/2}$ Electric Quadrupole Moment and a Constraint on the Quadrupole Shift

2005PA22 J.Pal, S.Saha, C.C.Dey, P.Banerjee, S.Bose, B.K.Sinha, M.B.Chatterjee, S.K.Basu - Phys.Rev. C 71, 034605 (2005)
Pre-equilibrium and equilibrium emission of neutrons in ^{114}Cd(α, xn) reactions

2005PA23 E.Padilla-Rodal, A.Galindo-Uribarri, C.Baktash, J.C.Batchelder, J.R.Beene, R.Bijker, B.A.Brown, O.Castanos, B.Fuentes, J.Gomez del Campo, P.A.Hausladen, Y.Larochelle, A.F.Lisetskiy, P.E.Mueller, D.C.Radford, D.W.Stracener, J.P.Urrego, R.L.Varner, C.-H.Yu - Phys.Rev.Lett. 94, 122501 (2005)
B(E2)↑ Measurements for Radioactive Neutron-Rich Ge Isotopes: Reaching the N=50 Closed Shell

2005PA30 E.S.Paul, P.T.W.Choy, C.Andreoiu, A.J.Boston, A.O.Evans, C.Fox, S.Gros, P.J.Nolan, G.Rainovski, J.A.Sampson, H.C.Scraggs, A.Walker, D.E.Appelbe, D.T.Joss, J.Simpson, J.Gizon, A.Astier, N.Buforn, A.Prevost, N.Redon, O.Stezowski, B.M.Nyako, D.Sohler, J.Timar, L.Zolnai, D.Bazzacco, S.Lunardi, C.M.Petrache, P.Bednarczyk, D.Curien, N.Kintz, I.Ragnarsson - Phys.Rev. C 71, 054309 (2005)
Highest spin discrete levels in ^{131,132}Ce: Spin generation near the mesoscopic limit

2005PA31 A.Parikh, J.A.Caggiano, C.Deibel, J.P.Greene, R.Lewis, P.D.Parker, C.Wrede - Phys.Rev. C 71, 055804 (2005)
Mass measurements of ^{22}Mg and ^{26}Si via the ^{24}Mg(p, t)^{22}Mg and ^{28}Si(p, t)^{26}Si reactions

2005PA33 S.R.Palvanov, G.Yu.Tadzhibaev, Sh.M.Ruzimov - At.Energ. 98, 238 (2005); At.Energy 98, 230 (2005)
Isomeric ratios of the yields of (γ, n) reactions on ^{85}Rb and ^{87}Rb nuclei

2005PAZZ S.D.Pain, W.N.Catford, N.A.Orr, J.C.Angelique, N.I.Ashwood, V.Bouchat, N.M.Clarke, N.Curtis, M.Freer, B.Fulton, F.Hanappe, M.Labiche, J.L.Lecouey, R.Lemmon, D.Mahboub, A.Ninane, G.Normand, N.Soic, L.Stuttge, C.N.Timis, J.A.Tostevin, V.Ziman, J.Winfield - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.373 (2005); AIP Conf. Proc 764 (2005)
Evidence Of A $(1d_{5/2})^2$ Component To The ^{12}Be Ground State

2005PI08 J.Pinard, H.T.Duong, D.Marescaux, H.H.Stroke, O.Redi, M.Gustafsson, T.Nilsson, S.Matsuki, Y.Kishimoto, K.Kominato, I.Ogawa, M.Shibata, M.Tada, J.R.Persson, Y.Nojiri, S.Momota, T.T.Inamura, M.Wakasugi, P.Juncar, T.Murayama, T.Nomura, M.Koizumi, and the ISOLDE Collaboration - Nucl.Phys. A753, 3 (2005)
Precision hfs of ^{126}Cs($T_{1/2}$=1.63 m) by ABMR

2005PO09 S.Pomme, T.Altzitzoglou, R.Van Ammel, G.Sibbens - Nucl.Instrum.Methods Phys.Res. A544, 584 (2005); Erratum Nucl.Instrum.Methods Phys.Res. A555, 459 (2005)
Standardisation of ^{125}I using seven techniques for radioactivity measurement

2005PO10 A.R.Poletti, A.P.Byrne, G.D.Dracoulis, T.Kibedi, P.M.Davidson - Nucl.Phys. A756, 83 (2005)
High spin states in ^{210}Rn approaching the region of 3-particle-hole neutron excitations

2005POZZ A.R.Poletti, A.P.Byrne, G.D.Dracoulis, T.Kibedi, P.M.Davidson - ANU-P/1649 (2005)
High spin states in ^{210}Rn approaching the region of 3-particle-hole neutron excitations

2005PR11 Y.Prezado, M.J.G.Borge, C.Aa.Diget, L.M.Fraile, B.R.Fulton, H.O.U.Fynbo, H.B.Jeppesen, B.Jonson, M.Meister, T.Nilsson, G.Nyman, K.Riisager, O.Tengblad, K.Wilhelmsen - Phys.Lett. B 618, 43 (2005)
Low-lying resonance states in the ^{9}Be continuum

2005PU02 V.Punjabi, Jefferson Lab Hall A Collaboration - Phys.Rev. C 71, 055202 (2005); Erratum Phys.Rev. C 71 069902 (2005)
Proton elastic form factor ratios to $Q^2 = 3.5$ GeV^2 by polarization transfer

2005QA01 I.A.Qattan, J.Arrington, R.E.Segel, X.Zheng, K.Aniol, O.K.Baker, R.Beams, E.J.Brash, J.Calarco, A.Camsonne, J.-P.Chen, M.E.Christy, D.Dutta, R.Ent, S.Frullani, D.Gaskell, O.Gayou, R.Gilman, C.Glashausser, K.Hafidi, J.-O.Hansen, D.W.Higinbotham, W.Hinton, R.J.Holt, G.M.Huber, H.Ibrahim, L.Jisonna, M.K.Jones, C.E.Keppel, E.Kinney, G.J.Kumbartzki, A.Lung, D.J.Margaziotis, K.McCormick, D.Meekins, R.Michaels, P.Monaghan, P.Moussiegt, L.Pentchev, C.Perdrisat, V.Punjabi, R.Ransome, J.Reinhold, B.Reitz, A.Saha, A.Sarty, E.C.Schulte, K.Slifer, P.Solvignon, V.Sulkosky, K.Wijesooriya, B.Zeidman - Phys.Rev.Lett. 94, 142301 (2005)
Precision Rosenbluth Measurement of the Proton Elastic Form Factors

2005RA09 D.C.Radford, C.Baktash, C.J.Barton, J.Batchelder, J.R.Beene, C.R.Bingham, M.A.Caprio, M.Danchev, B.Fuentes, A.Galindo-Uribarri, J.Gomez del Campo, C.J.Gross, M.L.Halbert, D.J.Hartley, P.Hausladen, J.K.Hwang, W.Krolas, Y.Larochelle, J.F.Liang, P.E.Mueller, E.Padilla, J.Pavan, A.Piechaczek, D.Shapira, D.W.Stracener, R.L.Varner, A.Woehr, C.-H.Yu, N.V.Zamfir - Nucl.Phys. A752, 264c (2005)
Coulomb excitation and transfer reactions with rare neutron-rich isotopes

2005RA13 S.Rakers, C.Baumer, A.M.van den Berg, B.Davids, D.Frekers, D.De Frenne, E.-W.Grewe, P.Haefner, M.N.Harakeh, S.Hollstein, M.Hunyadi, E.Jacobs, B.C.Junk, A.Korff, A.Negret, L.Popescu, H.J.Wortche - Phys.Rev. C 71, 054313 (2005)
Low-lying GT^+ strength in ^{116}In from a (d, ^{2}He) reaction experiment and its implications for ^{116}Cd double β decay

2005RE09 P.Reimer, V.Avrigeanu, S.V.Chuvaev, A.A.Filatenkov, T.Glodariu, A.Koning, A.J.M.Plompen, S.M.Qaim, D.L.Smith, H.Weigmann - Phys.Rev. C 71, 044617 (2005)
Reaction mechanisms of fast neutrons on stable Mo isotopes below 21 MeV

2005RE11 P.H.Regan, C.Wheldon, A.D.Yamamoto, J.J.Valiente-Dobon, D.Cline, C.Y.Wu, A.O.Macchiavelli, F.R.Xu, J.F.Smith, K.Andgren, R.S.Chakrawarthy, M.Cromaz, P.Fallon, S.J.Freeman, A.Gorgen, A.Hayes, H.Hua, S.D.Langdown, I-Y.Lee, C.J.Pearson, Zs.Podolyak, R.Teng - Acta Phys.Pol. B36, 1313 (2005)
Vibrational and rotational sequences in ^{101}Mo and ^{103,4}Ru studied via multinucleon transfer reactions

2005RO11 T.Roth, O.Leupold, H.-C.Wille, R.Ruffer, K.W.Quast, R.Rohlsberger, E.Burkel - Phys.Rev. B 71, 140401 (2005)
Coherent nuclear resonant scattering by ^{61}Ni using the nuclear lighthouse effect

2005ROZX D.Rohe, and the E97-006 Collaboration - nucl-ex/0506007,6/05/2005 (2005)
Nuclear transparency from quasielastic ^{12}C(e, e'p)

2005ROZY A.P.Robinson, C.N.Davids, D.Seweryniak, P.J.Woods, B.Blank, M.P.Carpenter, T.Davinson, S.J.Freeman, N.Hammond, N.Hoteling, R.V.F.Janssens, Z.Liu, G.Mukherjee, C.Scholey, J.Shergur, S.Sinha, A.A.Sonzogni, W.B.Walters, A.Woehr - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.217 (2005); AIP Conf. Proc 764 (2005)
Recoil Decay Tagging Study Of Transitional Proton Emitters ^{145,146,147}Tm

2005RU06 D.Rudolph, E.K.Johansson, L.-L.Andersson, J.Ekman, C.Fahlander, R.du Rietz - Nucl.Phys. A752, 241c (2005)
Exotic Decay Modes in Rotating Nuclei

2005RU07 B.Rubio, E.Nacher, A.Algora, M.J.G.Borge, L.Caballero, D.Cano-Ott, S.Courtin, Ph.Dessagne, D.Escrig, L.M.Fraile, W.Gelletly, A.Jungclaus, G.Le Scornet, F.Marechal, Ch.Miehe, E.Poirier, J.L.Tain, O.Tengblad - Nucl.Phys. A752, 251c (2005)
Beta decay studies far from stability with the Total Absorption Technique: the case of ^{76}Sr

2005RV01 M.M.Rvachev, and the Jefferson Lab Hall A Collaboration - Phys.Rev.Lett. 94, 192302 (2005)
Quasielastic ^{3}He(e, e'p)^{2}H Reaction at $Q^2 = 1.5$ GeV^2 for Recoil Momenta up to 1 GeV / c

2005RYZZ K.P.Rykaczewski, R.K.Grzywacz, D.R.Bingham, M.Danchev, C.Mazzocchi, M.N.Tantawy, C.J.Gross, C.H.Yu, J.C.Batchelder, M.Karny, W.Krolas, D.Fong, J.H.Hamilton, A.V.Ramayya, A.Piechaczek, E.Zganjar, J.A.Winger, T.N.Ginter, A.Stolz, K.Hagino - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.223 (2005); AIP Conf. Proc 764 (2005)
Structure Of Rare-Earth Nuclei Around The Proton Drip Line

2005SA15 D.Savran, S.Muller, A.Zilges, M.Babilon, M.W.Ahmed, J.H.Kelley, A.Tonchev, W.Tornow, H.R.Weller, N.Pietralla, J.Li, I.V.Pinayev, Y.K.Wu - Phys.Rev. C 71, 034304 (2005)
Parity assignments in ^{172,174}Yb using polarized photons and the K quantum number in rare earth nuclei

2005SAZY T.R.Saito, for the RISING Collaboration - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak And T.L.Khoo, eds., p.151 (2005); AIP Conf. Proc 764 (2005)
The RISING Project At GSI And Its First Results

2005SCZY A.Schiller, T.Baumann, J.Dietrich, S.Kaiser, W.Peters, M.Thoennessen - nucl-ex/0504007,4/5/2005 (2005)
Search for particle-bound ^{26}O and ^{28}F in p-stripping reactions

2005SE05 H.R.Setze, C.R.Howell, W.Tornow, R.T.Braun, D.E.Gonzalez Trotter, A.H.Hussein, R.S.Pedroni, C.D.Roper, F.Salinas, I.Slaus, B.Vlahovic, R.L.Walter, G.Mertens, J.M.Lambert, H.Witala, W.Glockle - Phys.Rev. C 71, 034006 (2005)
Cross-section measurements of neutron-deuteron breakup at 13.0 MeV

2005SE08 N.Severijns, A.A.Belyaev, A.L.Erzinkyan, P.-D.Eversheim, V.T.Filimonov, V.V.Golovko, G.M.Gurevich, P.Herzog, I.S.Kraev, A.A.Lukhanin, V.I.Noga, V.P.Parfenova, T.Phalet, A.V.Rusakov, Yu.G.Toporov, C.Tramm, V.N.Vyachin, D.Zakoucky, E.Zotov - Phys.Rev. C 71, 044324 (2005)
Angular distribution of particles from oriented ^{253,254}Es and ^{255}Fm nuclei

2005SE11 D.Seweryniak, J.Uusitalo, P.Bhattacharyya, M.P.Carpenter, J.A.Cizewski, K.Y.Ding, C.N.Davids, N.Fotiades, R.V.F.Janssens, T.Lauritsen, C.J.Lister, A.O.Macchiavelli, D.Nisius, P.Reiter, W.B.Walters, P.J.Woods - Phys.Rev. C 71, 054319 (2005)
Multiparticle configurations in N = 84 isotones located at the proton drip line

2005SH15 O.Shcherbakov, K.Furutaka, S.Nakamura, H.Sakane, K.Kobayashi, S.Yamamoto, J.-I.Hori, H.Harada - J.Nucl.Sci.Technol.(Tokyo) 42, 135 (2005)
Measurement of Neutron Capture Cross Section of ^{237}Np from 0.02 to 100 eV

2005SH22 T.Shimizu, I.Miyazaki, K.Arakita, M.Shibata, K.Kawade, J.Hori, T.Nishitani - Ann.Nucl.Energy 32, 949 (2005)
Measurement of (n, n') reaction cross-sections of ^{79}Br, ^{90}Zr, ^{197}Au and ^{207}Pb with pulsed d-D neutrons

2005SI06 L.Simard, on behalf of the NEMO Collaboration - Nucl.Phys. B(Proc.Supp.) S145, 272 (2005)
Search for neutrinoless double beta decay with the NEMO-3 detector: first results

2005SI13 A.J.Simons, P.Joshi, D.G.Jenkins, P.M.Raddon, R.Wadsworth, D.B.Fossan, T.Koike, C.Vaman, K.Starosta, E.S.Paul, H.J.Chantler, A.O.Evans, P.Bednarczyk, D.Curien - J.Phys.(London) G31, 541 (2005)
Evidence for chiral structures in ^{130}Cs

2005SI14 J.M.Sisterson, J.Ullmann - Nucl.Instrum.Methods Phys.Res. B234, 419 (2005)
Measurements of energy integrated cross sections for reactions producing relatively short-lived radionuclides using neutron beams with an energy range of 0.1-750 MeV

2005SO06 D.Sohler, M.Palacz, Zs.Dombradi, M.Hjorth-Jensen, C.Fahlander, L.-O.Norlin, J.Nyberg, T.Back, K.Lagergren, D.Rudolph, A.Algora, C.Andreoiu, G.de Angelis, A.Atac, D.Bazzacco, J.Cederkall, B.Cederwall, B.Fant, E.Farnea, A.Gadea, M.Gorska, H.Grawe, N.Hashimoto-Saitoh, A.Johnson, A.Kerek, W.Klamra, J.Kownacki, S.M.Lenzi, A.Likar, M.Lipoglavsek, M.Moszynski, D.R.Napoli, C.Rossi-Alvarez, H.A.Roth, T.Saitoh, D.Seweryniak, O.Skeppstedt, J.Timar, M.Weiszflog, M.Wolinska - Nucl.Phys. A753, 251 (2005)
Maximally aligned states in the proton drip line nucleus ^{106}Sb

2005SOZZ N.Soic, M.Freer, L.Donadille, N.M.Clarke, P.J.Leask, W.N.Catford, K.L.Jones, D.Mahboub, B.R.Fulton, B.J.Greenhalgh, D.L.Watson, D.C.Weisser - nucl-ex/0504026,4/25/2005 (2005)
Three-centre cluster structure in ^{11}C and ^{11}B

2005SP04 I.Spahn, S.Takacs, Yu.N.Shubin, F.Tarkanyi, H.H.Coenen, S.M.Qaim - Appl.Radiat.Isot. 63, 235 (2005)

Cross-section measurement of the ^{169}Tm(p, n) reaction for the production of the therapeutic radionuclide ^{169}Yb and comparison with its reactor-based generation

2005SR02 J.Srebrny, E.Grodner, T.Morek, I.Zalewska, Ch.Droste, J.Mierzejewski, A.A.Pasternak, J.Kownacki, J.Perkowski - Acta Phys.Pol. B36, 1063 (2005)
Search for chirality in ^{128}Cs and ^{132}La

2005ST16 L.Stavsetra, K.E.Gregorich, J.Alstad, H.Breivik, K.Eberhardt, C.M.Folden III, T.N.Ginter, M.Johansson, U.W.Kirbach, D.M.Lee, M.Mendel, L.A.Omtvedt, J.B.Patin, G.Skarnemark, R.Sudowe, P.A.Wilk, P.M.Zielinski, H.Nitsche, D.C.Hoffman, J.P.Omtvedt - Nucl.Instrum.Methods Phys.Res. A543, 509 (2005)
Liquid-scintillation detection of preseparated ^{257}Rf with the SISAK-system

2005ST18 N.J.Stone, A.E.Stuchbery, M.Danchev, J.Pavan, C.L.Timlin, C.Baktash, C.Barton, J.Beene, N.Benczer-Koller, C.R.Bingham, J.Dupak, A.Galindo-Uribarri, C.J.Gross, G.Kumbartzki, D.C.Radford, J.R.Stone, N.V.Zamfir - Phys.Rev.Lett. 94, 192501 (2005)
First Nuclear Moment Measurement with Radioactive Beams by the Recoil-in-Vacuum Technique: The g Factor of the 2_1^+ State in ^{132}Te

2005SU07 A.C.Sunde, M.Guttormsen, R.Chankova, F.Ingebretsen, T.Lonnroth, S.Messelt, J.Rekstad, A.Schiller, S.Siem, N.U.H.Syed, A.Voinov, S.W.Odegard - Acta Phys.Pol. B36, 1197 (2005)
Thermal and electromagnetic properties of the light vanadium isotopes ^{50,51}V

2005SZ02 F.Szelecsenyi, G.F.Steyn, Z.Kovacs, T.N.van der Walt, K.Suzuki, K.Okada, K.Mukai - Nucl.Instrum.Methods Phys.Res. B234, 375 (2005)
New cross-section data for the ^{66}Zn(p, n)^{66}Ga, ^{68}Zn(p, 3n)^{66}Ga, ^{nat}Zn(p, x)^{66}Ga, ^{68}Zn(p, 2n)^{67}Ga and ^{nat}Zn(p, x)^{67}Ga nuclear reactions up to 100 Mev

2005TAZY X.Tang, A.Azhari, C.Fu, C.A.Gagliardi, A.M.Mukhamedzhanov, F.Pirlepesov, L.Trache, R.E.Tribble, V.Burjan, V.Kroha, F.Carstoiu, B.F.Irgaziev - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.329 (2005); AIP Conf. Proc 764 (2005)
A New ^{13}N(p, γ)^{14}O Reaction Rate And Its Influence In Novae Nucleosynthesis

2005TOZY D.Tonev, G.de Angelis, P.Petkov, A.Dewald, A.Gadea, P.Pejovic, D.Balabanski, P.Bednarczyk, F.Camera, A.Fitzler, M.Axiotis, D.Bazzacco, E.Farnea, S.Lenzi, S.Lunardi, N.Marginean, T.Martinez, R.Menegazzo, O.Moller, D.R.Napoli, A.Paleni, C.Petrache, G.Prete, B.R.Behera, C.Rusu, C.Ur, K.O.Zell, Y.H.Zhang - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.93 (2005); AIP Conf. Proc 764 (2005)
Transition Probabilities And Chiral Symmetry In ^{134}Pr

2005TR05 V.Tripathi, S.L.Tabor, P.F.Mantica, C.R.Hoffman, M.Wiedeking, A.D.Davies, S.N.Liddick, W.F.Mueller, T.Otsuka, A.Stolz, B.E.Tomlin, Y.Utsuno, A.Volya - Phys.Rev.Lett. 94, 162501 (2005)
^{29}Na: Defining the Edge of the Island of Inversion for Z = 11

2005TR06 L.A.Trykov, A.A.Dubinin, V.A.Chernov - At.Energ. 98, 54 (2005); At.Energy 98, 50 (2005)
Experimental and computed spectra of neutrons and photons emitted from spherical iron models with a ^{252}Cf source at the center

2005UE01 H.Ueno, D.Kameda, G.Kijima, K.Asahi, A.Yoshimi, H.Miyoshi, K.Shimada, G.Kato, D.Nagae, S.Emori, T.Haseyama, H.Watanabe, M.Tsukui - Phys.Lett. B 615, 186 (2005)
Magnetic moments of $^{30}_{13}Al_{17}$ and $^{32}_{13}Al_{19}$

2005UR01 W.Urban, T.Rzaca-Urban, J.L.Durell, A.G.Smith, I.Ahmad - Eur.Phys.J. A 24, 161 (2005)
First observation of excited states in the 111Tc nucleus -A new region of deformation at $40 \leq Z \leq 46$, $N \geq 68$?

2005VA09 J.J.Valiente-Dobon, C.E.Svensson, C.D.O'Leary, I.Ragnarsson, C.Andreoiu, D.E.Appelbe, R.A.E.Austin, G.C.Ball, J.A.Cameron, M.P.Carpenter, R.M.Clark, M.Cromaz, D.Dashdorj, P.Fallon, P.Finlay, S.J.Freeman, P.E.Garrett, A.Gorgen, G.F.Grinyer, D.F.Hodgson, B.Hyland, D.Jenkins, F.Johnston-Theasby, P.Joshi, N.S.Kelsall, A.O.Macchiavelli, F.Moore, G.Mukherjee, A.A.Phillips, W.Reviol, D.Sarantites, M.A.Schumaker, D.Seweryniak, M.B.Smith, J.C.Waddington, R.Wadsworth, D.Ward, S.J.Williams - Phys.Rev. C 71, 034311 (2005)
High-spin rotational structures in ^{76}Kr

2005VA18 J.J.Valiente-Dobon, C.E.Svensson, C.D.O'Leary, I.Ragnarsson, C.Andreoiu, R.A.E.Austin, M.P.Carpenter, D.Dashdorj, P.Finlay, S.J.Freeman, P.E.Garrett, A.Gorgen, J.Greene, G.F.Grinyer, B.Hyland, D.Jenkins, F.Johnston-Theasby, P.Joshi, N.S.Kelsall, A.O.Macchiavelli, F.Moore, G.Mukherjee, A.A.Phillips, W.Reviol, D.Sarantites, M.A.Schumaker, D.Seweryniak, M.B.Smith, R.Wadsworth, D.Ward - Acta Phys.Pol. B36, 1339 (2005)
Lifetimes of High-spin states in ^{76}Kr

2005VA19 J.Van Roosbroeck, H.De Witte, M.Gorska, M.Huyse, K.Kruglov, D.Pauwels, J.-Ch.Thomas, K.Van de Vel, P.Van Duppen, S.Franchoo, J.Cederkall, V.N.Fedoseyev, H.Fynbo, U.Georg, O.Jonsson, U.Koster, L.Weissman, W.F.Mueller, V.I.Mishin, D.Fedorov, A.De Maesschalck, N.A.Smirnova, K.Heyde - Phys.Rev. C 71, 054307 (2005)
Evolution of the nuclear structure approaching ^{78}Ni: β decay of $^{74-78}$Cu

2005WAZY W.B.Walters, M.A.Stoyer, J.Shergur, N.Hoteling, J.J.Ressler, J.Rikovska, K.-L.Kratz, A.Wohr, B.Pfeiffer, O.Arndt, P.F.Mantica, B.Tomlin, H.Schatz, F.Montes, B.A.Brown, D.Seweryniak, H.Ravn, V.Fedoseyev, U.Koster, C.Y.Wu, D.Cline, H.Hua, A.B.Hayes, R.Teng, and the ISOLDE Collaboration - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.335 (2005); AIP Conf. Proc 764 (2005)
Structure And Decay Of Neutron-Rich Nuclides In The $115 \leq A \leq 138$ Mass Range And r-Process Nucleosynthesis

2005WAZZ D.Ward, R.M.Clark, M.Cromaz, M.A.Deleplanque, R.M.Diamond, P.Fallon, G.J.Lane I.Y.Lee, A.Gorgen, A.O.Macchiavelli, F.S.Stephens, C.E.Svensson, K.Vetter, D.Cline, A.B.Hayes, R.Teng, C.-Y.Wu, T.Nakatsukasa - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.263 (2005); AIP Conf. Proc 764 (2005)
Aspects Of The Coriolis Interaction In ^{235}U

2005WE06 L.Weissman, A.F.Lisetskiy, O.Arndt, U.Bergmann, B.A.Brown, J.Cederkall, I.Dillmann, O.Hallmann, L.Fraile, S.Franchoo, L.Gaudefroy, U.Koster, K.-L.Kratz, B.Pfeiffer, O.Sorlin, and the ISOLDE Collaboration - J.Phys.(London) G31, 553 (2005)
β-decay of ^{22}O

2005WI05 M.Wiedeking, S.L.Tabor, J.Pavan, A.Volya, A.L.Aguilar, I.J.Calderin, D.B.Campbell, W.T.Cluff, E.Diffenderfer, J.Fridmann, C.R.Hoffman, K.W.Kemper, S.Lee, M.A.Riley, B.T.Roeder, C.Teal, V.Tripathi, I.Wiedenhover - Phys.Rev.Lett. 94, 132501 (2005)
p-sd Shell Gap Reduction in Neutron-Rich Systems and Cross-Shell Excitations in ^{20}O

2005WI10 A.N.Wilson, G.D.Dracoulis, A.P.Byrne, P.M.Davidson, G.J.Lane, R.M.Clark, P.Fallon, A.Gorgen, A.O.Macchiavelli, D.Ward - Eur.Phys.J. A 24, 179 (2005)
Observation of a superdeformed band in ^{190}Pb

2005WO03 M.Wolinska-Cichocka, J.Kownacki, W.Urban, E.Ruchowska, W.A.Plociennik, B.Bekman, Ch.Droste, W.Gast, R.Lieder, W.Meczynski, M.Kisielinski, A.Kordyasz, M.Kowalczyk, P.Kowina, J.Iwanicki, T.Morek, J.Perkowski, J.Srebrny, A.Stolarz, J.Styczen - Eur.Phys.J. A 24, 259 (2005)
Gamma-ray spectroscopy in ^{110}Sn and ^{111}Sn

2005WO04 H.J.Worner, M.Grutter, E.Vliegen, F.Merkt - Phys.Rev. A 71, 052504 (2005); Erratum Phys.Rev. A 73, 059904 (2006)
Role of nuclear spin in photoionization: Hyperfine-resolved photoionization of Xe and Multichannel Quantum defect theory analysis

2005WR01 K.Wrzosek, M.Zielinska, J.Choinski, T.Czosnyka, J.Iwanicki, M.Kisielinski, M.Kowalczyk, P.Napiorkowski, L.Reissig, J.Srebrny, I.Ushakov, K.Zajac - Int.J.Mod.Phys. E14, 359 (2005)
Search for shape coexistence in ^{100}Mo using Coulomb excitation

2005WUZZ A.H.Wuosmaa, K.E.Rehm, J.P.Greene, D.J.Henderson, R.V.F.Janssens, C.L.Jiang, E.F.Moore, R.C.Pardo, D.Peterson, S.C.Pieper, G.Savard, J.P.Schiffer, S.Sinha, X.Tang, R.B.Wiringa, L.Jisonna, R.E.Segel - Proc.Nuclei at the Limits, Argonne, Illinois, D.Seweryniak and T.L.Khoo, eds., p.393 (2005); AIP Conf. Proc 764 (2005)
Excited States In ^{7}He From d(^{6}He, p)^{7}He

2005XU04 S.-W.Xu, Z.-K.Li, Y.-X.Xie, Q.-Y.Pan, W.-X.Huang, X.-D.Wang, Y.Yu, Y.-B.Xing, N.-C.Shu, Y.-S.Chen, F.-R.Xu, K.Wang - Phys.Rev. C 71, 054318 (2005)
β-delayed proton decays near the proton drip line

2005YA11 K.Yako, H.Sakai, M.B.Greenfield, K.Hatanaka, M.Hatano, J.Kamiya, H.Kato, Y.Kitamura, Y.Maeda, C.L.Morris, H.Okamura, J.Rapaport, T.Saito, Y.Sakemi, K.Sekiguchi, Y.Shimizu, K.Suda, A.Tamii, N.Uchigashima, T.Wakasa - Phys.Lett. B 615, 193 (2005)
Determination of the Gamow-Teller quenching factor from charge exchange reactions on ^{90}Zr

2005ZH14 L.Y.Zhu, and the Jefferson Lab Hall A Collaboration and Jefferson Lab E94-104 Collaboration - Phys.Rev. C 71, 044603 (2005)
Cross section measurements of charged pion photoproduction in hydrogen and deuterium from 1.1 to 5.5 GeV

2005ZH16 S.J.Zhu, S.D.Xiao, X.L.Che, Y.N.U, M.L.Li, Y.J.Chen, L.H.Zhu, G.S.Li, S.X.Wen, X.G.Wu - Eur.Phys.J. A 24, 199 (2005)
High-spin states and band structures in the doubly odd ^{136}La nucleus

2005ZH20 S.Zhu, R.V.F.Janssens, G.J.Lane, I.Wiedenhover, M.P.Carpenter, I.Ahmad, A.P.Byrne, P.Chowdhury, D.Cline, A.N.Deacon, G.D.Dracoulis, S.J.Freeman, N.J.Hammond, G.D.Jones, T.L.Khoo, F.G.Kondev, T.Lauritsen, C.J.Lister, A.O.Macchiavelli, E.F.Moore, D.Seweryniak, J.F.Smith, C.Y.Wu - Phys.Lett. B 618, 51 (2005)
Strength of octupole correlations in the actinides: contrasting behavior in the isotones ^{237}U and ^{239}Pu

2005ZI02 M.Zielinska, T.Czosnyka, K.Wrzosek, J.Choinski, Y.Hatsukawa, J.Iwanicki, M.Koizumi, H.Kusakari, M.Matsuda, T.Morikawa, P.J.Napiorkowski, A.Osa, M.Oshima, T.Shizuma, J.Srebrny, M.Sugawara, K.Zajac - Acta Phys.Pol. B36, 1289 (2005)
Shape coexistence in even-even Mo isotopes studied via Coulomb excitation